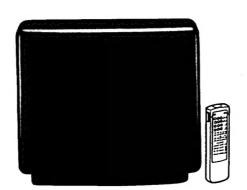
KV-X2150B/X2151B **RM-816**

SERVICE MANUAL



French Model

Chassis No. SCC-E19Y-A

Switzerland Model

KV-X2151B

Chassis No. SCC-E99A-A

AE-1C CHASSIS

MODELS OF THE	E SAME SERIES
KV-X2150B/X2151B	KV-C2550B/C2950B
KV-C2120B/C2121B	KV-A2111B/A2511B
KV-C2551B/C2951B	KV-A2110B/A2510B

SPECIFICATIONS

[KV-X2150B/X2151B]

B/G/H, I, L Television system

Color system

PAL, SECAM, NTSC3.58, NTSC4.43

Stereo system Channel coverage GERMAN stereo

VHF: E2-E12 UHF: E21-E69

CABLE TV: S1-S41

Picture tube

Hi-Black Trinitron tube Approx. 54.5 cm (21 inches)

(Approx. 51 cm picture measured diagonally)

100° -degree deflection

Inputs / Outputs Terminals

REAR

-Ø 21 pin Euro connector

-Inputs for audio and video signals

(CENELEC standard)

-Inputs for RGB

-Outputs of TV video and audio signals

G-2/-221-pin Euro

connector

-Inputs for audio and video signals

-Inputs for S-video

-Outputs for video and audio signals

(selectable)

- • Audio output(vartable) -phono jacks

S-video Inputs-4pin DIN

Headphone jack: stereo mini jack

Sound output

Power consumption

30 W + 30 W

82 Wh (KV-X2150B)

83 Wh (KV-X2151B)

Dimensions Weight

Approx. $512\times449\times456$ mm (w/h/d)

Approx. 24kg

[RM-816]

Remote control system

Power requirements

infrared control

3V dc

2 batteries IEC designation

R6 (size AA)

Dimentions

Weight

Accessories supplied

Approx. $75 \times 221 \times 23$ mm(w/h/d) Approx. 230g (including batters)

IEC designation R6 batteries (2)

Supplied accessories

RM-816 Remote Commander (1)

IEC designation R6 batteries (2)

Design and specifications are subject to change without notice.

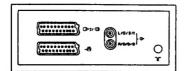
FRONT

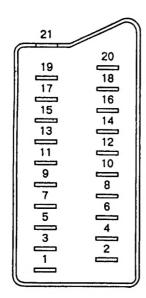
- → Video input phono jack
- ◆ Audio inputs (L,R) phono jacks



TRINITRON®COLOR TV SONY

21 pin connector (-Ö, ⊕2/-⑤)





Pin No.	1	2	Signal	Signal level
1	0	0	Audio output B (right)	Standard level; 0.5Vrms Output impedance: Less than 1kohm*
2	0	0	Audio Input B (right)	Standard level: 0.5Vrms Input Impedance: More Ihan 10kohms*
3	0	0	Audio output A (left)	Standard level: 0.5Vrms Output impedance: Less than 1kohm*
4	0	0.	Ground (audio)	
5	0	0	Ground (blue)	
6	0	0	Audio input A (left)	Standard level: 0.5Vrms Input Impedance: More than 10kohms*
7	0	•	Blue input	0.7V ± 3dB, 75ohms, positive
8	0	0	Function select (AV control)	High state (9.5 - 12V): Part mode Low state (0 - 2V): TV mode Input Impedance: More than 10kohms Input capacitance: Less than 2 nF
9	0	0	Ground (green)	
10	0	0	Open	
11	0	•	Green	Green signal: 0.7V ± 3dB, 75ohms, positive
12	0	0	Open	
13	0	0	Ground (red)	
14	0	0	Ground (branking)	
15	0		Red Input	0.7V ± 3dB, 75ohms, positive
	-	0	(S signal) croma input	0.3V ± 3dB, 75ohms, positive
16	0	•	Blanking Input (Ys signal)	High state (1 - 3V) Low state (0 - 0.4V) Input impedance: 75ohms
17	0	0	Ground (video output)	
18	0	0	Ground (video input)	
19	0	0	Video output	1V ± 3dB, 75ohms, positive Sync: 0.3V (- 3, +10dB)
20	0	-	Video input	1V ± 3dB, 75ohms, positive Sync: 0.3V (- 3, +10dB)
	-	0	Video Input/Y (S signal)	1V ± 3dB, 75ohms, positive Sync: 0.3V (- 3, +10dB)
21	0	0	Common ground (plug	, shleid)

 * at 20Hz - 20kHz

4 Pin Connector (€+)

Pin No	Signal	Signal level
1	Ground	
2	Ground	
3	Y (S signal) input	1V ± 3dB 75ohm, positive Sync 0.3V ⁻³ ₊₁₀ dB
4	C (S signal) input	0.3V ± 3dB 75ohm, positive

SECTION 1 GENERAL

1-1. SWITCHING ON/OFF

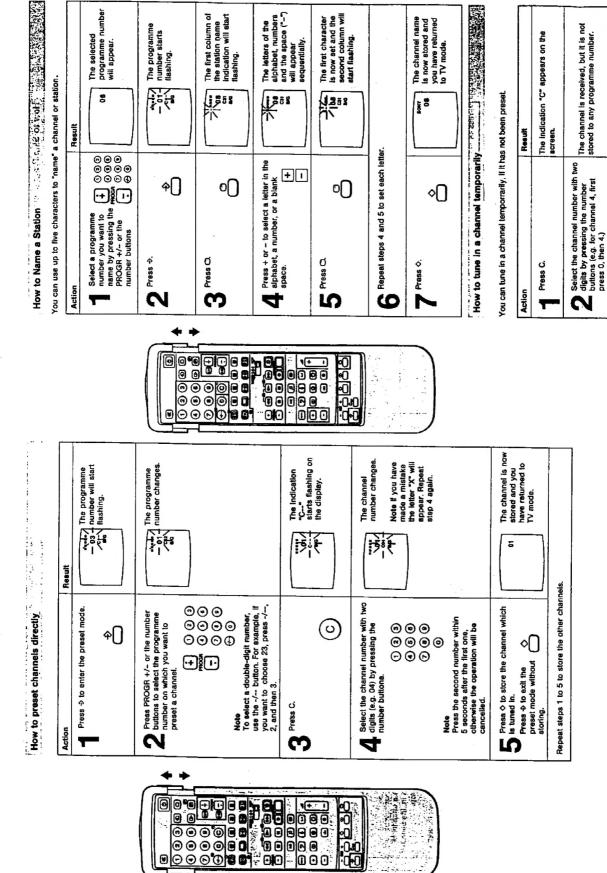
1-2. PRESETTING

After you have installed the TV you need to preset TV channels. Press - to enter the preset mode **\$**[] Press RED + or - once to search forward or backward for channels. Action S + The TV will turn on.

Note: If the screen remains blank, the TV may be in the standby mode.

Press C or any number button on the commander to switch it on. The TV will be in standby. To return to the TV mode press できる はないのは 一 After you have completed the basic preparation your TV is ready to be connected to the mains power supply (220V AC, 50Hz). The TV will turn off. Result Θ How to turn the TV off How to turn the TV on Press & to enter standby Press @ on the TV. Press @ on the TV. A Temporarily B Completely Action 東京のおより1970年 ± f 010 000

When a channel is with the search long will stop. if you are unfamiliar with the channel numbers of the stations you wish to preset, use "How to preset channels automatically". If you are familiar with the channel numbers refer to "How to preset TV. channels directly". The channel is now stored and you have returned to TV mode. If you want to skip a channel, press 🗺 + The programme – 03 number changes TV stations broadcast their channels at certain frequencies. You must preset these channels to programme numbers on the TV before you can watch the TV Sitde open the full function side of the remote commander to reveal preset buttons. The programme — 01 — number will start or EE 8. How to preset channels automatically Result There are 60 spaces for storing these channels. Note
To select a double-digit number,
use the -/- button. For example, if
you want to choose 23, press -/--,
2, and then 3. Press PROGR + or - or the number buttons to select the programme number to which you want to preset a charnel. 000 0000 0000 **⊕**[1] Press \Diamond if you want to store the channel which is tuned in. ÷() \Diamond Repeat steps 1 to 4 to store the other channels. Press → to exit preset mode without storing. 4 S Note: These buttons should be used in preset mode only.



1-3. BASIC TV OPERATION

How to Skip Programmes

Using the PROGR +/- buttons you can skip unused programme channel numbers. However, the skipped numbers may still be called up using the number buttons.

Action	W		Result
_	Press ♦ to enter the preset mode.	aset mode.	- 08 + number will start
2	Select the programme number that you want to akip by pressing PROGR +/- or the number buttons.	000 000 000 000	The programme Volt The programme The programme The programme
က	Press Coo.	<i>å</i> []	The lowest channel number appears under the programme number.
4	Press ¢.	◇ □	7 The channel is now stored and you have returned to TV mode.
Ren	Donest stens 1 to 4 to akin other programme numbers.	ther programm	an Distriction

Before you can select programmes make sure that you have preset channels. Note: Press ! on door to open.

This section introduces you to the basic control functions which are available on the simple side of the remote commander.

How to Select Programmes

	e is
	The selected programme is displayed.
Result	8
Action	Press PROGR +/- or the number buttons. To select a double- ① ② ① ① ① ① ① ① ① ② ② Gight number, use ② ① ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ②

- / + G + D + 4

0

How to Adjust the Volume The Property and The Land Control of the

The volume markers will appear, and are adjusted accordingly.

7

Result	7	operation.	the volui
How to Adjust the Volume wave build parp of Action Result	Press ∠ + or	How to Use additional features. Basic telefext operation Select The Ebution to view the telefext. The Cbutton to request subtilies. One of the coloured buttons for fastext operation. The Obutton to return to TV mode. For details about telefext operation. How to operate with the buttons on the TV	You can also select programmes and adjust the volu
000 000 000 000			
			_

+/- buttons on the front of the TV. For operation, first press the F-∠--⊕ button repeatedly so that the P (for programme) or △ (for volume) indication appears on the screen, and then adjust with the →-+ +/- buttons. he volume using the P+∆+⊕ and →•◆

Note: To restore to factory set level press → • ← +/- together

How to view the video input picture

Press - To return to the TV mode, press O. For further details,

If the picture is distorted, you can fine tune the channel manually. How to Fine Tune Manually Press (HE) + or - repeatedly until the Action

Result

Note: Normal funing can be restored if you preset the channel once more.

The programme number starts flashing. The indication \leftarrow F \rightarrow appears on the screen.

Press -0 to enter the preset mode.

Press 0.

picture tooks normal

The fine tuning is stored.

1-4. ADVANCED TV OPERATION

This section shows you how to use convenient features and how to adjust the picture and sound to your taste. Use the full-function side of the Remote Commander.



How to use on-screen display and special sound features

You can enjoy the following convenient features.

How to	Action	To resume normal picture/sound
Display on-screen indications	Press 3	Indications disappear after some seconds
Display programme numbers	Press @twice	Press (3 twice again.
Mute the sound	Press of.	Press 🕊 again.
Select a language in bilinguat programmes.	Press A/B. The selected mode of the A-CD-B indicator on the TV lights up.	Press A/B.
Set the sound for music listerang.	Press 7.	Press 🞵 again.
Use the spece sound (special acoustic effect)	Press 🕀	Press 😂 again.
Request the time	Press @	Press (5) again.

9-6-Y

How to	Action	To resume normal picture/sound
Nisplay on-screen indications	Press @	indications disappear after some seconds
Olsplay programme numbers	Press @twice	Press (3 twice again.
Aute the sound	Press of.	Press 🕊 again.
select a language in bilinguat rogrammes.	Press A/B. The selected mode of the A-CD-B indicator on the TV lights up.	Press A/B.
set the sound for music listerang.	Press 7.	Press 🎝 again.
has the space sound (special coustic effect)	Press 🕀	Press 😂 again.
equest the time	Press @	Press (5) again.

How to adjust the picture and sound

Although the picture and sound have been adjusted at the factory, you might want to adjust them to your own taste. To do this, please follow the steps below.

The state of

Result: (+ ←- −)		More ← Less	More ← Less	Bright Dark		More ← Less	More ← Less	More Right → More Left
Then:		4	3 [ij		4	Ð (ī
Press:		0	•	٥		3	•	K
To Adjust:	Picture:	Colour Intensity	Picture Contrast	Brightness	Sound:	Bass	Treble	Batance

To reset the picture and sound to factory set levels press ----

1-5. TELETEXT OPERATION (KV-X2151B only)

TV stations broadcast teletext programmes via the TV channels. To receive teletext programmes, use the buttons indicated in green on the full side of the Remote Commander. With the simple side of the Remote Commander, only the basic operation is possible.

How to View the Teletext

	Action	UC.	Result
	-	Select the channel which carries the teletext service you wish to see.	The channel changes on the screen.
111 m	N	Press @.	If the teletext signal is not broadcast, then is not broadcast, then in its played.
	က	Input three digits for the page number using the rumber buttons. Note If you make a mistake, type in any three digits, then re-enter the correct page number.	The numbers are entered on the screen. The requested page will appear in a few seconds.
12		To return to the TV mode. Press C. To change the teletext channels First press ○ to return to the TV mode, then repeat steps 1 to 3.	, then repeat steps 1 to 3.

Note
If the signal of the TV channel is weak, teletext errors may often occur.

How to	Action	Result (On-screen display)
Request the index page.	Press © (INDEX).	The index page
Request the subtitle page (p888).	Press C.	The subtitle page is displayed (p888).
Access the next or preceding page. Press © (PAGE +) or G (PAGE -).	Press © (PAGE +) or @ (PAGE -).	The next or preceding page appears.

Action
Press ® once if you are in text mode, or press ® twice if in TV mode. To return to the normal teletaxl display press ® again.
Press & (HOLD). To resume normal telefext reception, press ® (TEXT/MIX).
Press ® once to enlarge the upper half. Press twice to enlarge the lower half. Press again to restore the normal display.
Press © (REVEAL). Press again to conceal the information.
1. Request a new page.
2. Press @ (TEXT CL).
3. When the requested page has been captured, the page number remains and the other data disappears.
4. Press @ to view this page.
1. Request a desired page.
2. Press @ (TP ON).
3. Enter the time you want to have the page displayed with four digits using the number buttons. (For example, enter 0730 for 7:30 AM.)
4. Press ® (TEXT CL) to watch the TV programme until the requested time.
To cancel the request Display the teletext page, then press @ (TP OFF).

Some of the features may not be available depending on the Teletext service.

How to use the FASTEXT Feature

FASTEXT feature allows you to access pages quickly with one key operation. When a FASTEXT page is broadcast, a colour coded menu appears at the bottom of the screen. Each coloured prompt corresponds to the coloured buttons on either side of your Remote Commander.

Operation

Action	Result
Press one of the coloured buttons which correspond to the coloured prompt on the teletext.	Press one of the coloured buttons which The selected teletext page appears. Correspond to the coloured prompt on the teletext.

Note Correct FASTEXT operation depends on the necessary signals sent from the TV station.

1-6. OPTIONAL CONNECTIONS / OPERATIONS

How to view the video input picture is a second of the sec

You can view the picture of video equipment connected to the input terminals by selecting the input mode.

Operation

Regult	
rese Erepeatedly to select the desired input.	Symbol for the selected input appears. (See the table below.)
To return to the TV mode, press the O button.	button.

Input modes

477± -/+

	Result
Ð	Audio/video input through the -& connector.
P	RGB input through the -8 connector.
29	Audio/video input through the G+2/-B connector.
-632	S video input (from a VTR equipped with an S video outqut) through the G-2/-8 connector.
	Audio/video Input through -Cand -C jacks on the front.
@ 3	S video input through the -@ connector on the front (4-pin connector)
You can also select the inp in this case, first select -E)	You can also select the input mode using the P → △ → ⊕ button on the TV. In this case, first select ⊕ and then press +/- buttons to select the input

How to select the Output

The state of the s The GP 2/-38 connector outputs four kinds of audio/video signals. You have to select one of them as follows.

Operation

Action	Result	
Press G- repealedly to select the desired input.	Ф:	Symbol for the selected output appears. (See the table below.)

Output modes

Symbol	Output from
φ_	The audio/video signal from the -8 1 connector
2.0-	The audio/video signal from the G∙ 2/-® connector
30	The audio/video signal from the -Q -O connectors.
ΦΔ	The audio/video signal from the "f" aerial terminal.

1-7. ADDITIONAL REMOTE COMMANDER OPERATION

How to Control Other Sony Video Equipment By switching the VIDEO 1/2/3, MDP selector, you can operais most Sony video equipment (Beta VTR, 8mm VTR, VHS VTR, and video disc player).



WDEO 1-2-3 Mp

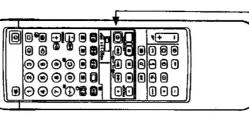


Use the buttons in the indicated area to operate video equipment.

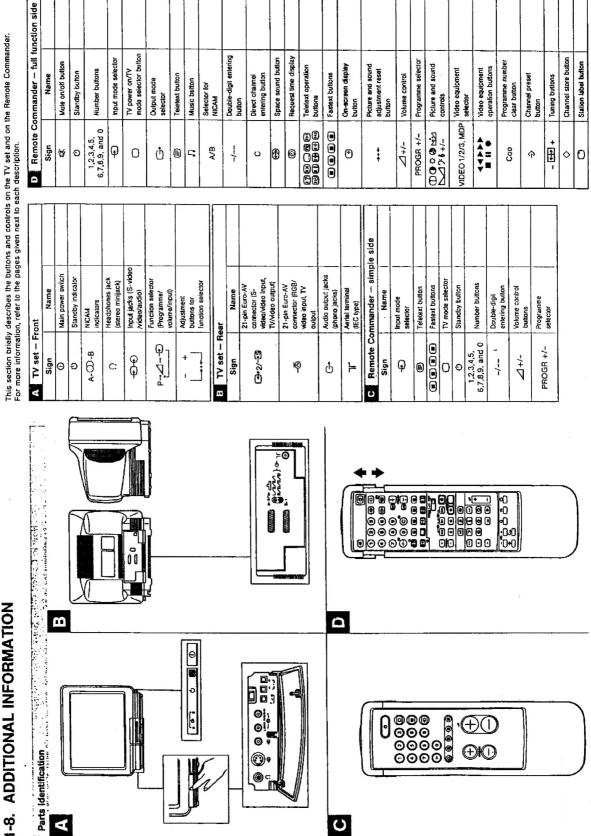
When you use ● button, be sure to press this button and the one on the right simultaneously.

- If your video equipment is furnished with COMMAND MODE selector, set the selector to the same position as the VIDEO 1/2/3, MDP selector on the supplied Remote Commander.

 If the equipment does not have a certain function, the corresponding button on the Remote Commander will not work.

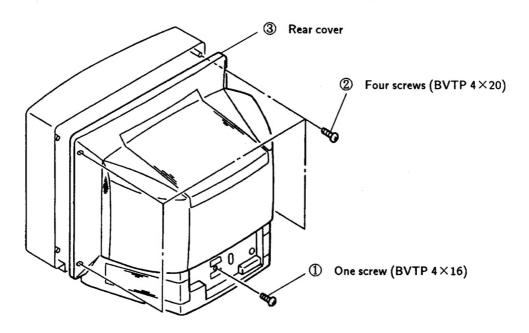


1-8. ADDITIONAL INFORMATION

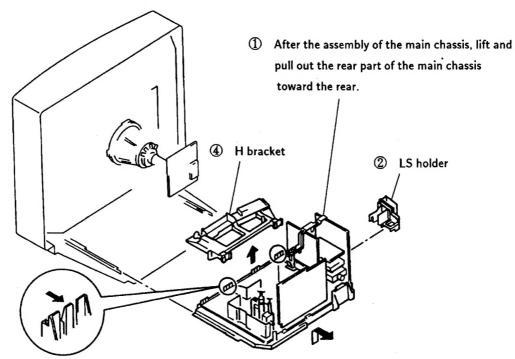


SECTION 2 DISASSEMBLY

2-1. REAR COVER REMOVAL

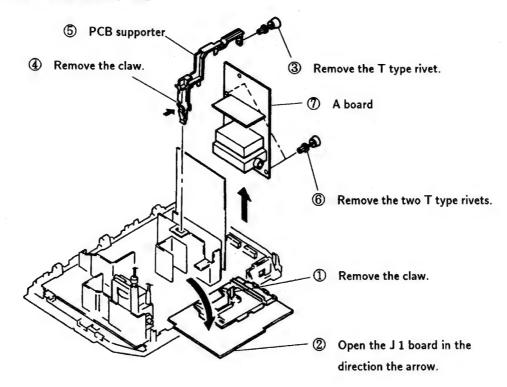


2-2. CHASSIS ASSEMBLY REMOVAL

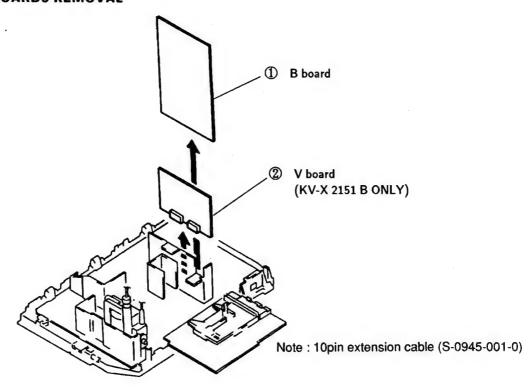


③ Push the two claws of the main chassis in the direction of the arrow and remove the H bracket upwards.

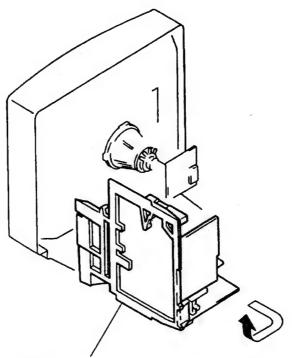
2-3. A AND J 1 BOARDS REMOVAL



2-4. B AND V BOARDS REMOVAL

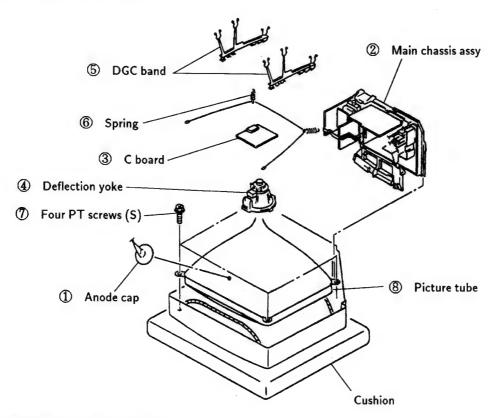


2-5. SERVICE POSITION



Remove main chassis assembly in the direction of the arrow.

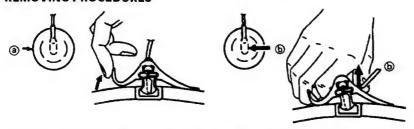
2-6. PICTURE TUBE REMOVAL



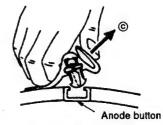
REMOVAL OF ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT chield or carbon painted on the CRT, after removing the anode.

REMOVING PROCEDURES



- ① Turn up one side of the rubber cap in the ② Using a thumb pull up the rubber cap direction indicated by the arrow (a).
- firmly in the direction indicated by the arrow (b).

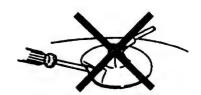


3 When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ©.

HOW TO HANDLE AN ANODE-CAP

- Don't hurt the surface of anode-caps with sharp shaped material!
- Don't press the rubber hardly not to hurt inside of anode-caps! A material fitting called as shatter-hook terminal is built in the rubber.
- Don't turn the foot of rubber over hardly! The shatter-hook terminal will stick out or hurt the rubber.





SECTION 3

SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted. The controls and switch below should be set as follows unless otherwise noted:
 - CONTRASTcontrol 80%(or Normal by commander)

☆ BRIGHTNESS control 50%

Perform the adjustments in order as follows:

Preparation:

- Set the side of the unit with the PICTUE TUBE so that it faces east or west in order to reduce the influence of external magnetic force.
- Turn the power switch for the unit ON and erase the magnetic force using a degausser..

3-1. BEAM LANDING

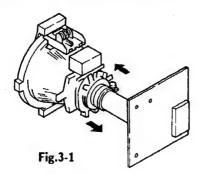
Demagnetize with a degausser

- 1. Input a raster signal with the pattern generator.

 CONTRAST

 PROGRAMMES

 normal
- BRIGHTNESS Just 1 Properties 2. Turn the raster signal of the pattern generator
- Move the deflection yoke backward, and adjust with the purity control so that red is in the center and blue and green are at the sides evenly. (Fig. 3-1 - 3-3)
- 4. Move the deflection yoke forward, and adjust so that the entire screen becomes red. (Fig.3-1)
- 5. Switch over the raster signal to blue and blue and confirm the condition.
- 6. When the position of the deflection yoke is determined, tighten it with a deflection yoke mounting screw.
- 7. When landing at the corner is not right, adjust by using the disk magnets. (Fig.3-4)



- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. Screen (G 2) and White Balance

Note: Test Equipment Required.

- 1. Color bar/Pattern Generator
- 2. Degausser
- 3. DC Power Supply
- 4. Digital multimeter
- 5. Oscilloscope

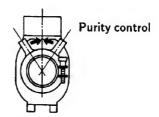


Fig.3-2

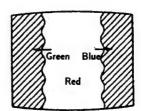
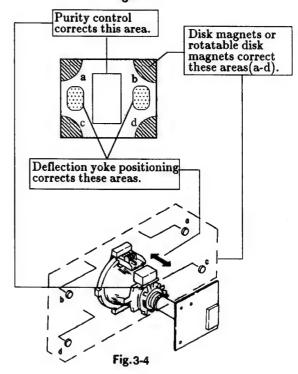


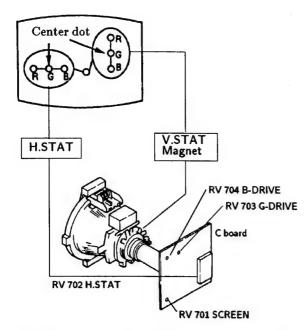
Fig.3-3



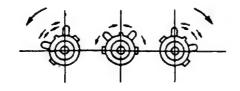
3-2. CONVERGENCE

Preparation:

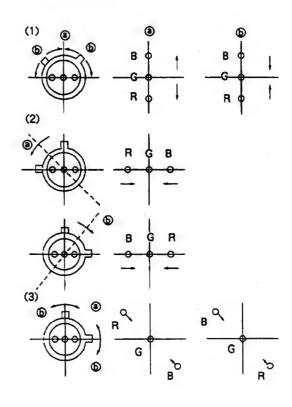
- Before starting, perform FOCUS, H.SIZE, and V.
 SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Feed in the dot pattern.
- (1) Horizontal and Vertical Static Convergence



- 1. Adjust H.STAT VR to converge red, green and blue dots the in center of the screen. (Horizontal movement)
- 2. Adjust V. STAT magnet to converge red, green and blue dots in the center of the screen. (Vertical movement)
- 3. If the red, green and blue dots do not converge on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below. (In this case, H.STAT VR and V.STAT magnet effect each other.)
- Tilt the V.STAT magnet and adjust static convergence to open or close the V.STAT magnet.



4. When the V.STAT magnet is moved in the direction of arrow (a) and (b), red, green and blue dots move as shown below.

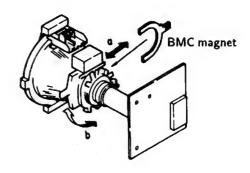


If the red and blue dot do not converge with green dots, perform following steps.

Move BMC magnet (a) to correct insufficient H.static convergence.

Rotate BMC magnet (b) to correct insufficient V.static convergence.

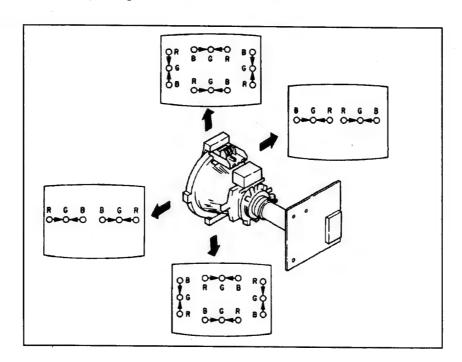
In either case, repeat Beam Landing Adjustment.



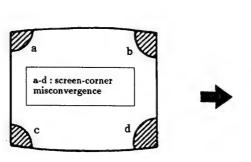
(2) Dynamic Convergence Adjustment Preparation:

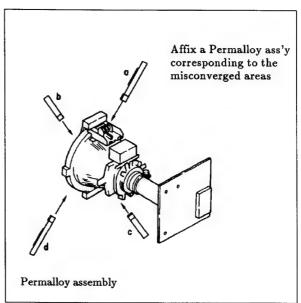
- Before starting perform Horizontal and Vertical static convergence Adjustment.
- 1. Slightly loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.

- 3. Move the deflection yoke for best convergenceas shown below.
- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.



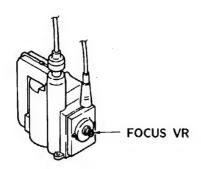
(3) Screen-corner Convergence





3-3. FOCUS

Adjust FOCUS so that the whole screen is in best focus.

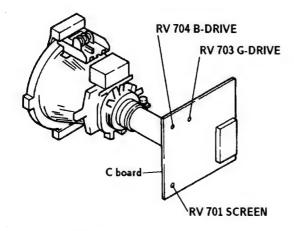


White Balance Adjustment

- 1. Input all-white signal from the pattern generator.
- 2. Adjust the BRIGHTNESS and COLOR controls to the standard level.
- 3. Adjust the following using RV 704 (B DRIVE) and RV 703 (G DRIVE)

In the following adjustments, the CONTRAST, COLOR and BRIGHTNESS controls are set to normal unless otherwise specified.

3-4. SCREEN (G 2) and WHITE BALANCE

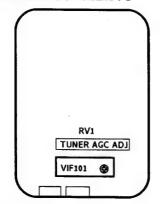


Screen (G 2) Setting

- 1. Input dot signal from the pattern generator.
- 2. Set the picture BRIGHTNESS control to minimum level.
- 3. Apply 170 V DC to the cathodes of R,G and B from an external power power source.
- 4. While watching the picture, adjust the G 2 volume (RV701) immediately before fly-back line disappears.

SECTION 4 CIRCUIT ADJUSTMENTS

4-1. A BOARD ADJUSTMENTS

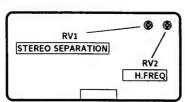


A BOARD (COMPONENT SIDE)

TUNER AGC ADJUSTMENT (VIF101, RV1)

- 1. Align with an appropriate signal between stations.
- Adjust RV1 so that snow noise and cross modulation just disappear from the picture.

IFG5.5S SIF



IFG5.5S SIF -component side-

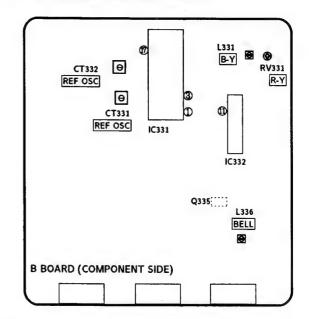
STEREO SEPALATION ADJUSTMENT (RV1)

- 1. Input stereo signals. (L-CH 400Hz, R-CH 1KHz)
- 2. Check the stereo indicator.
- Connect on oscilloscope to pin® (CH1) of CN1 through band pass filter of 1KHz
- 4. Adjust RV1 so that 1KHz voltage goes down to the minmum.

H FREQ (RV2)

- Input a PAL COLOR BAR signal, then connect a jumper between pin[®] IC4 and GND.
- Connect a frequency counter to pin IFG5.5S
 (HP) of CN1 through a probe of 10:1.
- 3. Adjust RV2 (H.FREQ) 15.625 ± 50 Hz.
- 4. After adjustment, remove the jamper.

4-2. B BOARD ADJUSTMENTS



REFERENCE OSCILLATOR ADJUSTMENT (CT332 8.8MHz)

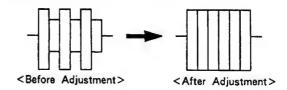
- 1. Input a PAL color bar signal.
- 2. Ground pin n of the IC331.
- 3. Adjust CT332 to obtain synchronization.

REFERENCE OSCILLATOR ADJUSTMENT (CT331 7.16MHz)

- 1. Input an NTSC3.58 color bar signal.
- 2. Ground pin @ of IC331.
- 3. Adjust the CT331 to obtain synchronization.

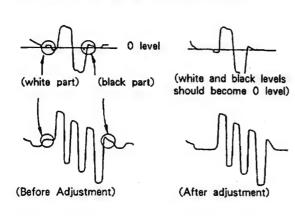
BELL FILTER ADJUSTMENT (L336)

- 1. Input a SECAM color bar signal.
- 2. Connect the oscilloscope to the emitter of Q335.
- 3. Adjust L336 so that the waveform is flat.

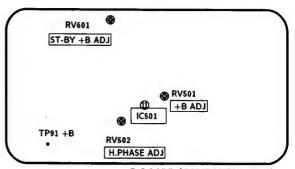


DISCRIMINATION ADJUSTMENTS (RV331 and L331)

- 1. Input a SECAM color bar signal.
- 2. Connect the oscilloscope to pin ① of IC331.
- Adjust RV331 until the white and black sections
 of the waveform at pin ① are at the 0 level.
 Connect the oscilloscope to pin ③ of IC331.
- 4. Adjust L331 until the white and black sections of
- 5. the waveform at pin 3 are at the 0 level.



4-3. D BOARD ADJUSTMENTS



D BOARD (COMPONENT SIDE)

+B ADJUSTMENT (RV501)

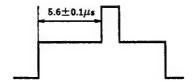
- 1. Connect the digital multimeter to TP91.
- 2. Adjust RV501 to obtain 135 ± 0.2 V.

ST-BY +B ADJUSTMENT (RV601)

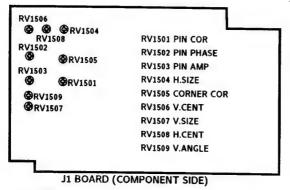
- 1. Put the system into \circlearrowleft standby mode (remote commander).
- 2. Connect the digital multimeter to TP91.
- 3. Adjust RV601 to obtain 135±3V.
- 4. Take the system out of \circlearrowleft standby mode (remote commander).

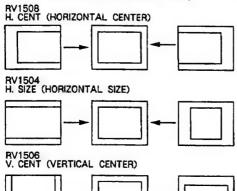
H.PHASE ADJUSTMENT (RV502)

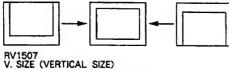
- 1. Input a PAL color bar signal.
- 2. Set the picture and brightness controls to their normal levels.
- 3. Set RV1508 (H.CENT) to its mechanical center.
- 4. Connect the oscilloscope to pin (I) (SCP) of IC 501
- 5. Rotate RV502 to adjust to $5.6 \pm 0.1 \mu s$.

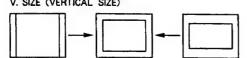


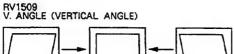
4-4. J1 BOARD ADJUSTMENTS

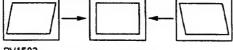


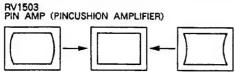


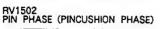


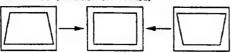


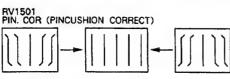


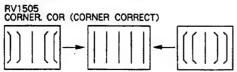




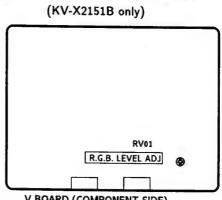








4-5. V BOARD ADJUSTMENT



V BOARD (COMPONENT SIDE)

- RGB LEVEL ADJUSTMENT (RV01) Maximize the picture setting.
- Adjust RV01 so that the RGB output is 0.75V.

4-6. SECONDARY ADJUSTMENTS

SUB BRIGHTNESS ADJUSTMENT

- 1. Set the system to receive a test pattern.
- Press → ← on the remote commander to put the system into normal mode.
- 3. Switch off the power.
- While depressing the adjusting buttons + and
 simultaneusly, turn on the power. (SUB mode is obtained)
- 5. Minimize the O contrast setting.
- 6. Adjust the ⇔ brightness control so that the gray scale 0 IRE section is cut off completely and the 20 IRE section is barely glowing.
- 7. Depress the (store) button of the remote commander.(SUB mode is released)

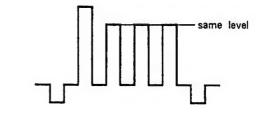
If there is no test color pattern

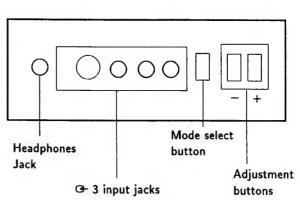
if there is no test color pattern

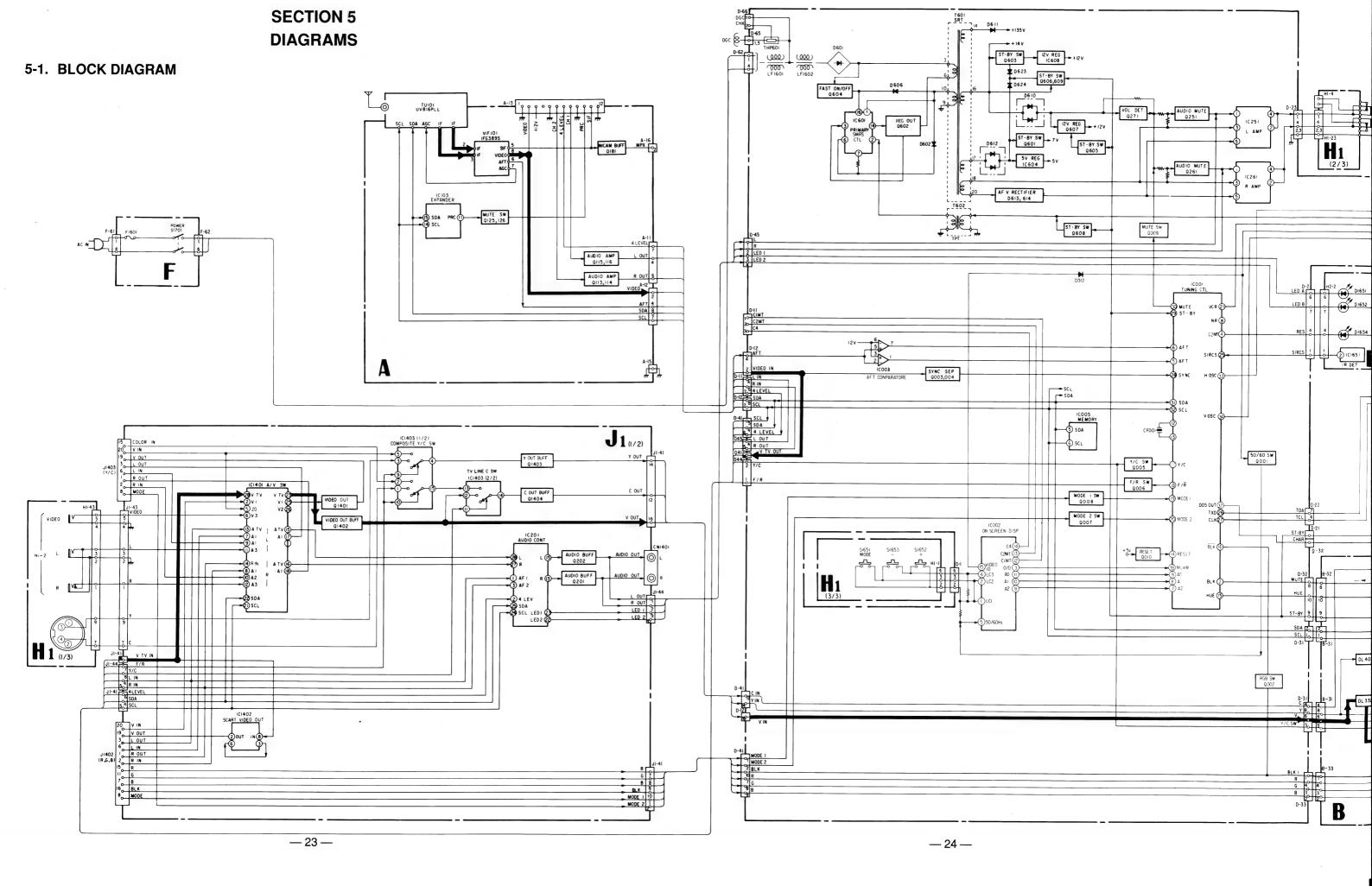
- 1. Set the system to receive a color pattern.
- Press →• ← on the remote commander to put the system into normal mode.
 Set the ② color to its normal state.
- 3-5. Steps are the same as above.
- Since 20 IRE is nearly blue, adjust the ☼ brightness control so that the blue barely glows.
- 7. Same as step 7 above.
- Press → ← on the remote commander to put the system into normal mode.

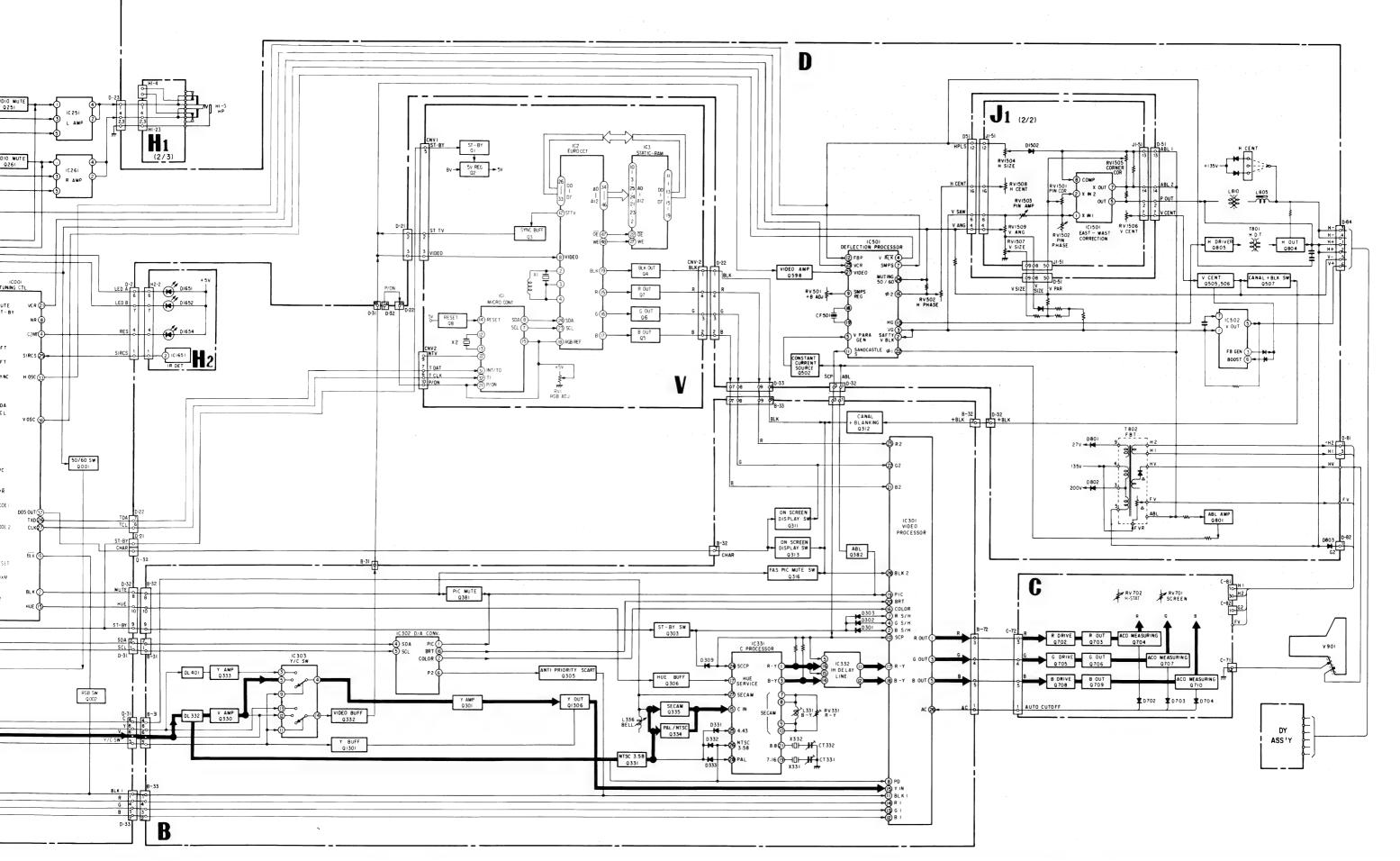
SUB COLOR ADJUSTMENT

- 1. Set the system to receive color bars.
- Press → ← on the remote commander to put the system into normal mode.
- 3. Cut off the power.
- While depressing the adjustment buttons + and
 - simultaneusly, turn on the power. (SUB mode is obtained).
- 5. Adjust the color control so that the B out waveform (pin ⑤ of C board connector CNC72) is as shown in the figure below.

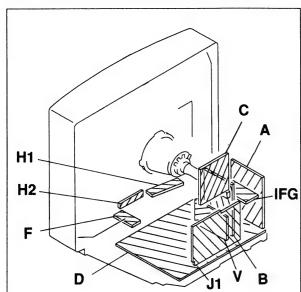








5-2. CIRCUIT BOARDS LOCATION



5-3. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

- Conductor Side -

Note:

- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- All electrolytics are in 50V unless otherwise specified.
- All resistors are in ohms.
 - $k\Omega = 1000\Omega$, $M\Omega = 1000K\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5 mm
Rating electrical power 1/4W

- METAL FILM (:RN) resistors in 1%, 1/6W unless otherwise secified.
- w: nonflammable resistor.
- \(\Lambda\): internal component.
- in panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- ____: earth-ground.
- # : earth-chassis.
- · All voltages are in V.
- Voltage are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 $M\Omega$ digital multimeter.
- · Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerance.
- ____: B+ bus.
- signal path. (RF)
- · Circuled numbers are waveform references.

Reference information

RESISTOR : RN METAL FILM : RC SOLID

: FPRD NONFLAMMABLE CARBON
: FUSE NONFLAMMABLE FUSIBLE
: RW NONFLAMMABLE WIREWOUND
: RS NONFLAMMABLE METALOXIDE
: RB NONFLAMMABLE CEMENT

: * ADJUSTMENT RESISTOR
COIL : LF-8L MICRO INDUCTOR

CAPACITOR : TA TANTALUM : PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER
: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified



[SIRCS, RECEIVER, INDICATOR]

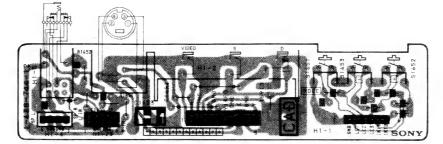
[AC IN, POWER SW]



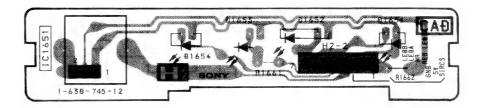
--- A Board --



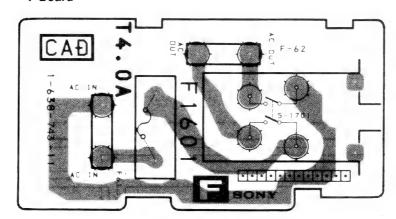
--- H1 Board ---



- H2 Board -

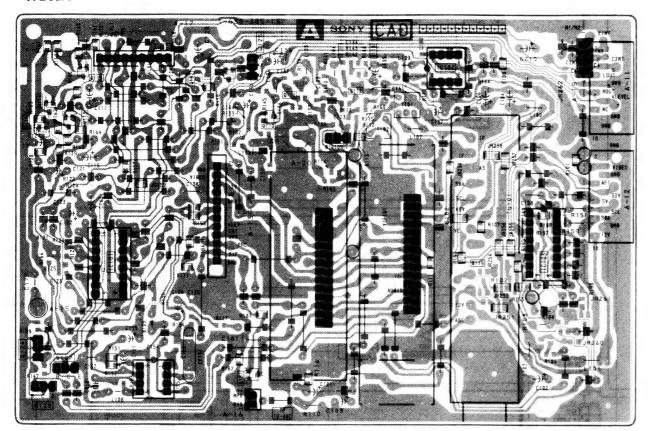


- F Board -



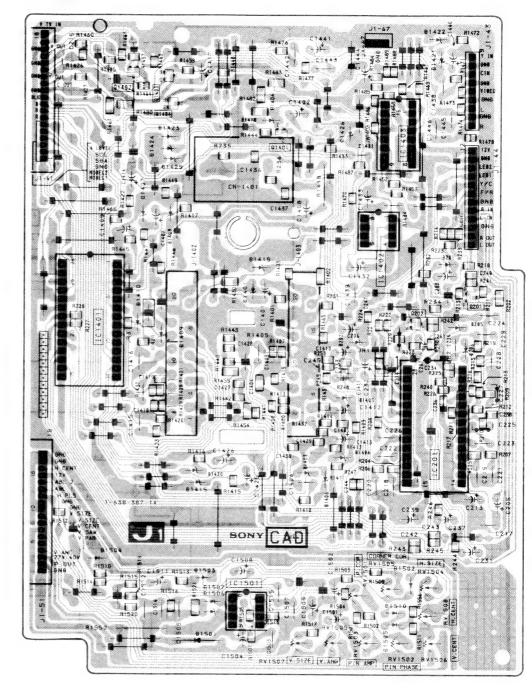
[TUNER, SIF, VIF]

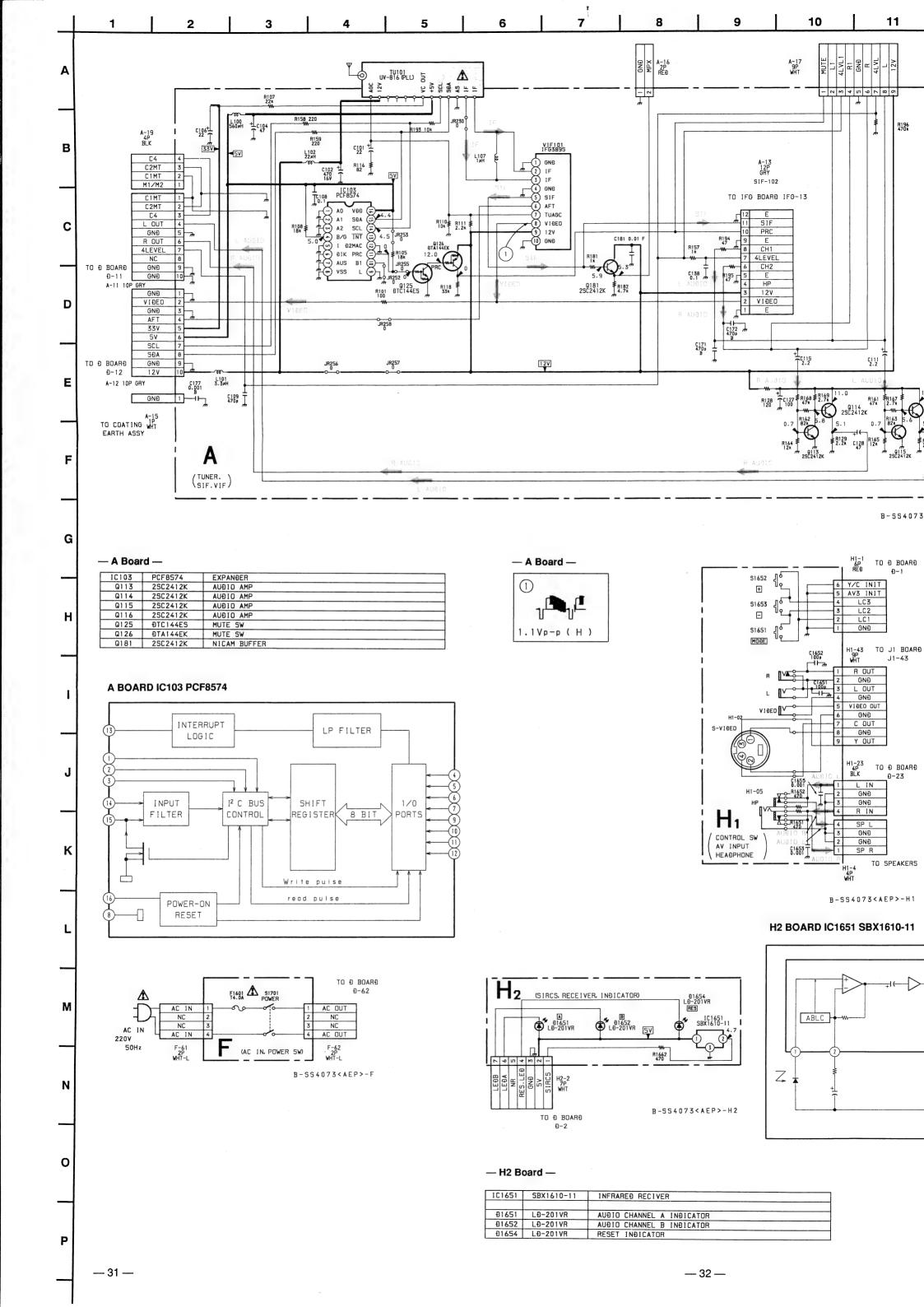
— A Board —

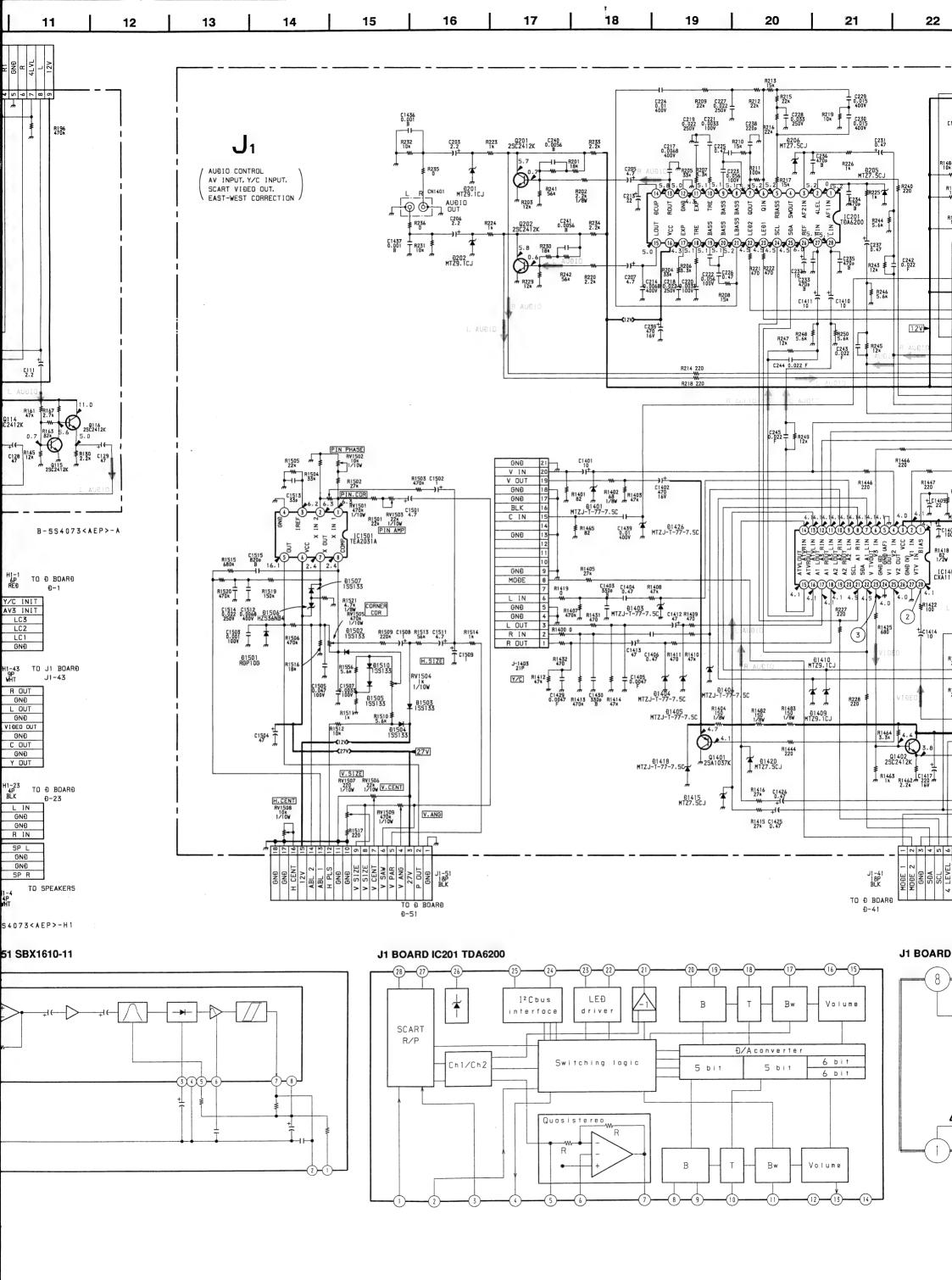


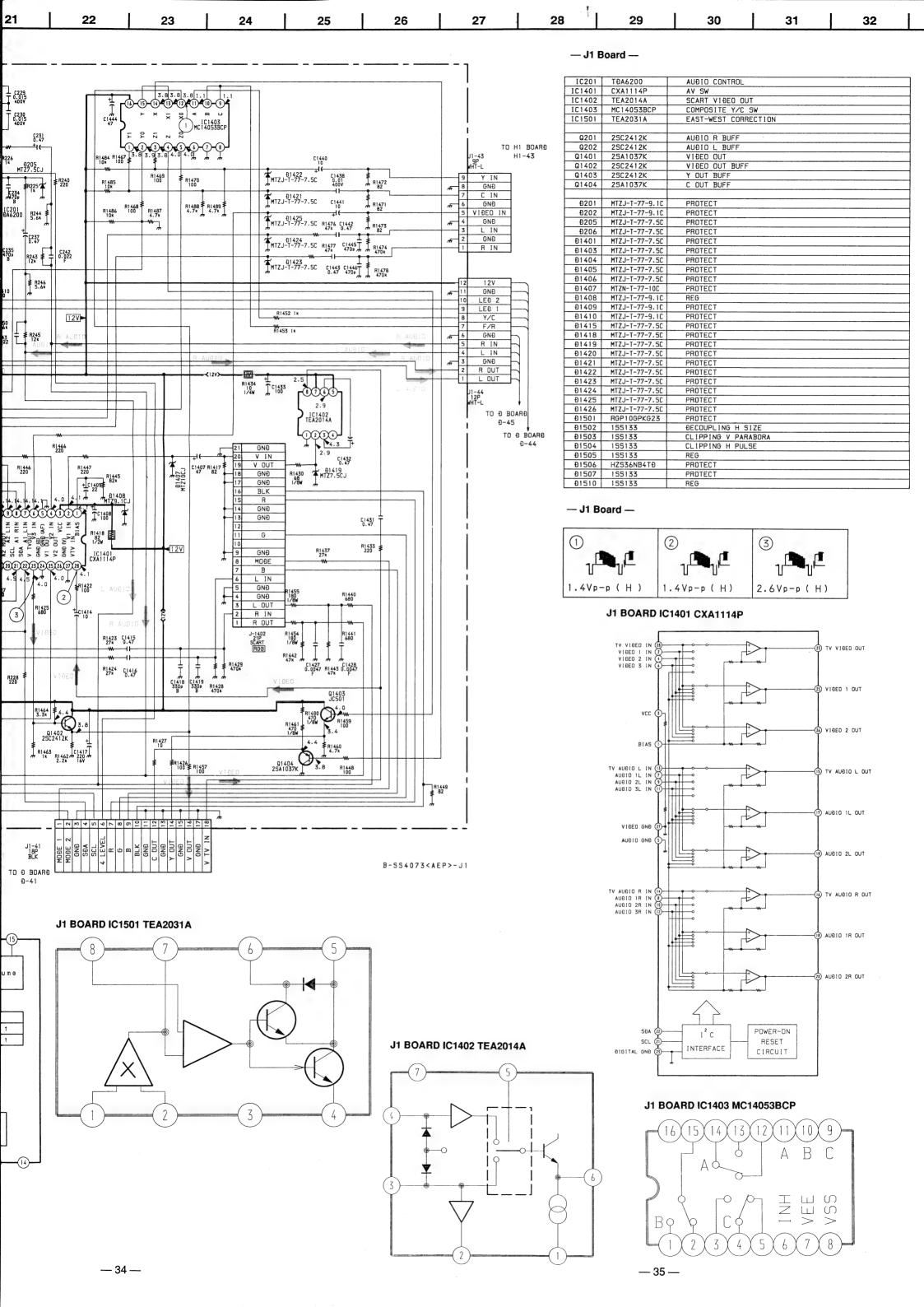
J1 [AUDIO CONTROL, AV INPUT, Y/C INPUT, VIDEO OUT, EAST-WEST CONRECTION]

— J1 Board —

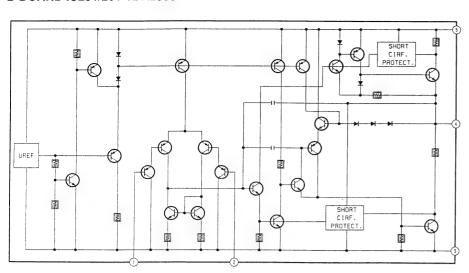




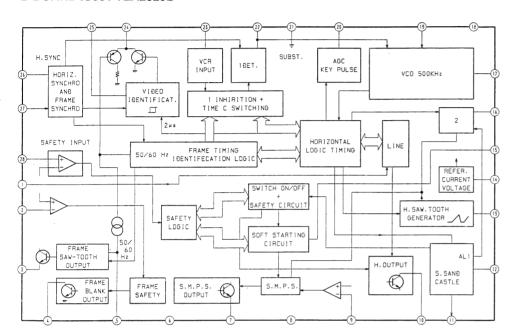




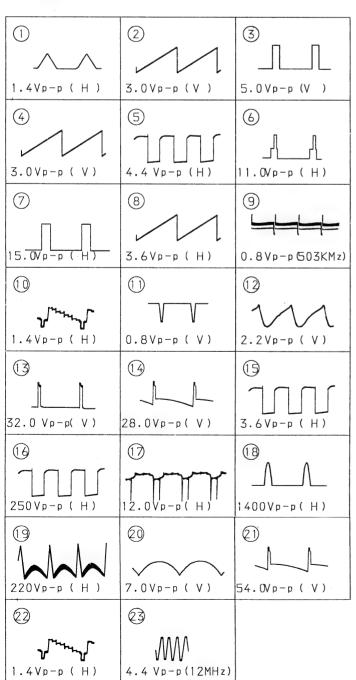
D BOARD IC251/261 TDA2050



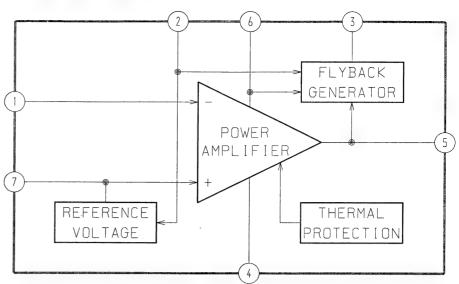
D BOARD IC501 TEA2028B



— D Board —



D BOARD IC502 TDA8170



Α

В

C

D

E

F

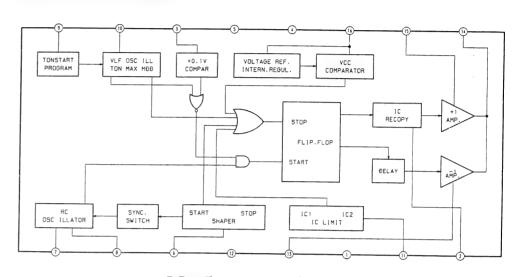
G

Н

M

Ν

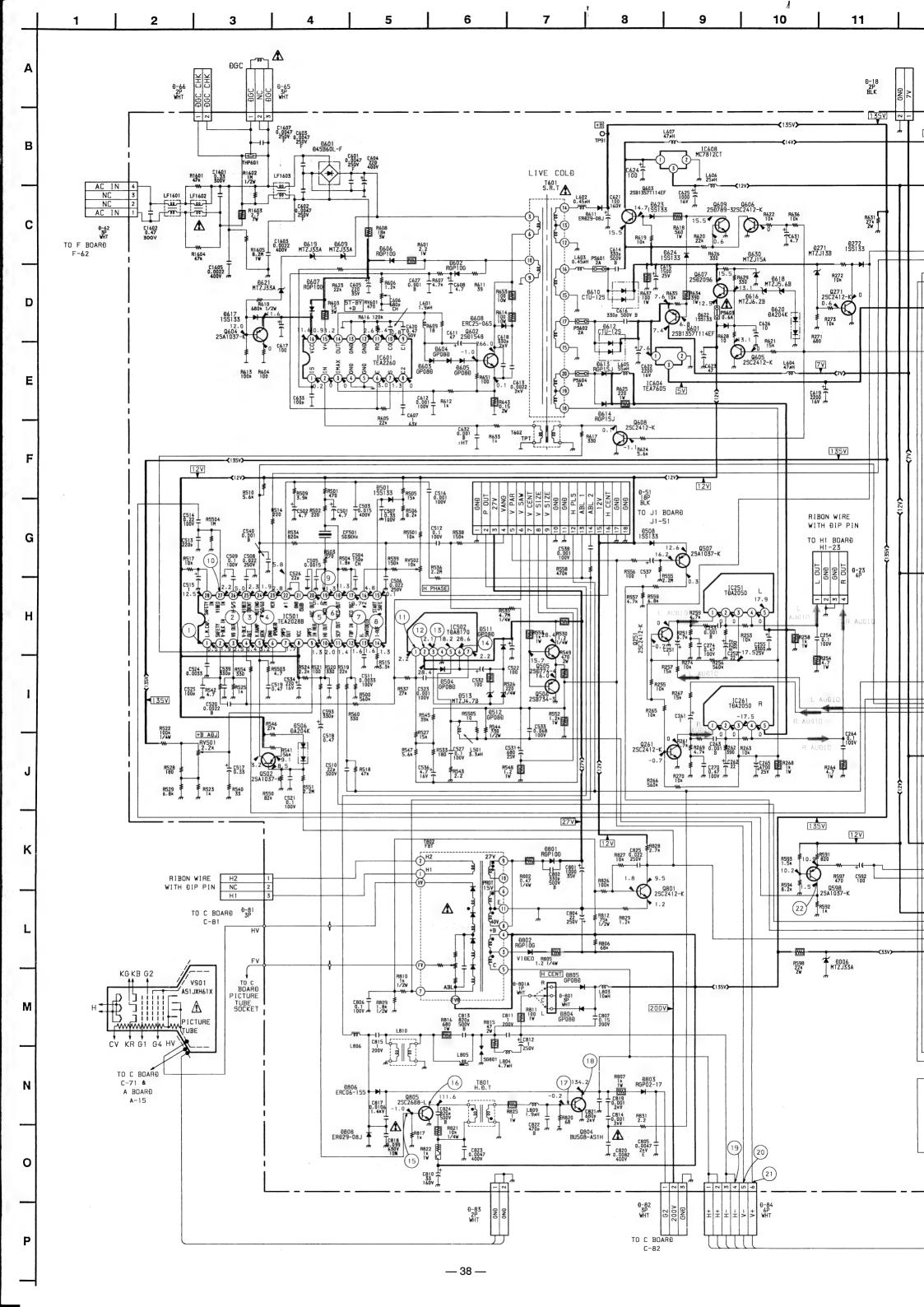
D BOARD IC601 TEA2260

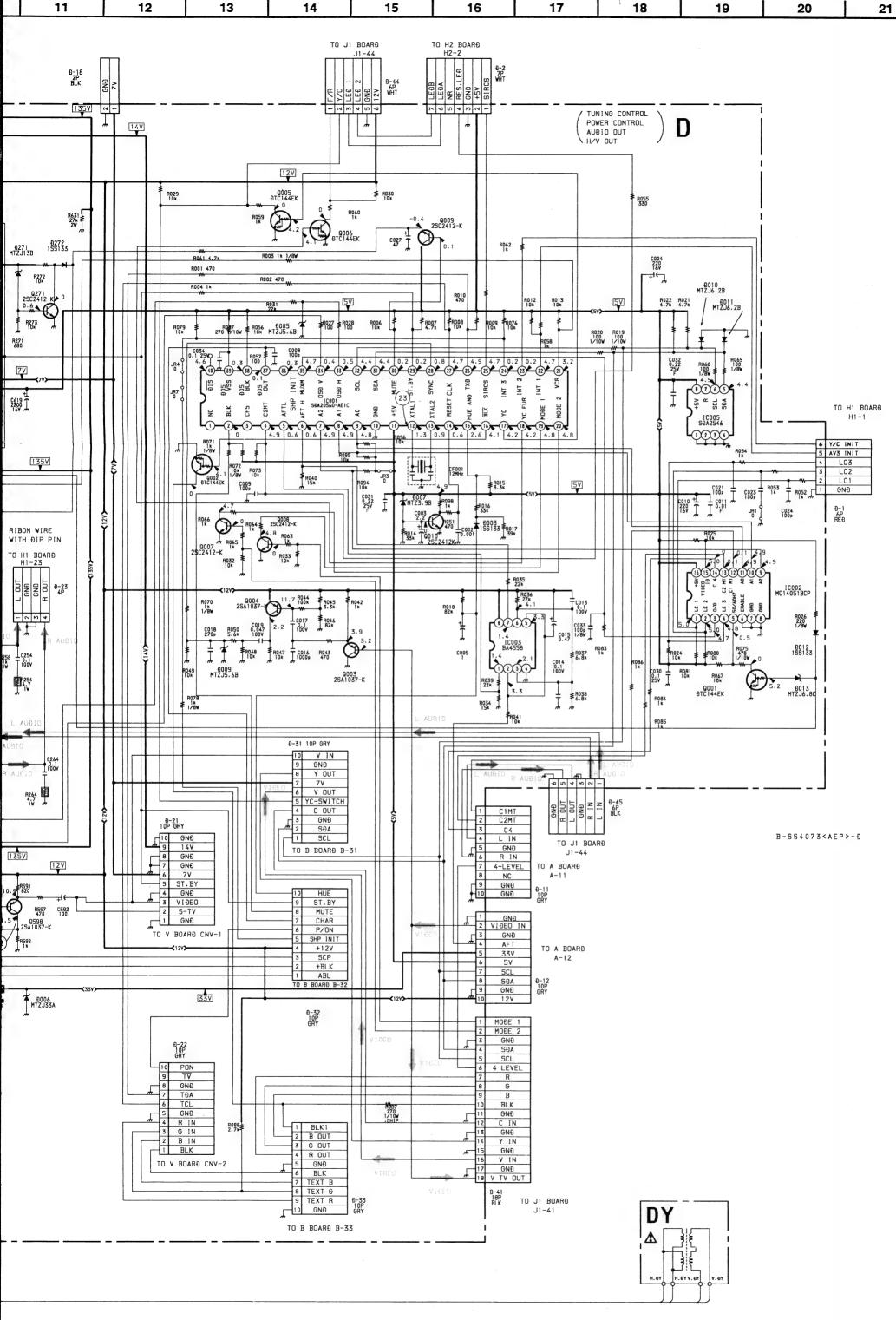


— D Board —

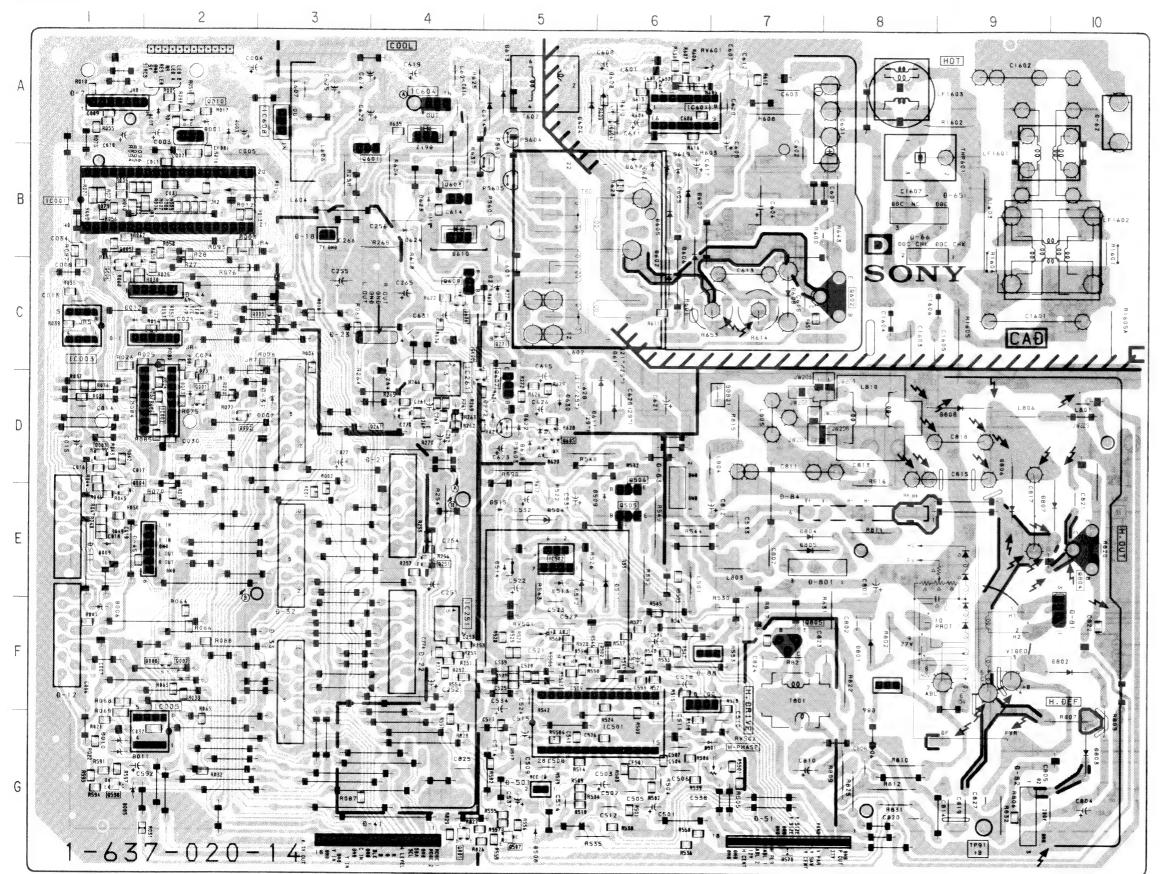
1C001	SDA20560-A012	TUNING CTL
10002	MC14051BCP	ON SCREEN DISPLAY
10003	BA4558	AFT COMPARATOR
10005	SBA2546	MY 'MEMORY
10251	TĐA2050	AU0 0 TUO OLGUA
10261	TĐA2050	AUÐIO DUT (R)
10501	TEA2028B	ĐEFLECTION PROCESSOR
10502	TÐA8170	V OUT
10601	TEA2260	PRIMARY SMRS CTL
10604	TEA7605	+5V REG
10608	MC7812CT	+12V REG
0001	ÐTC144EK	50/60Hz SW
0002	DTC144EK	BLK SW
0003	25A1037K	SYNC SEPARATOR
0004	25A1037K	SYNC SEPARATOR
0005	ÐTC144EK	Y/C 5W
0006	ÐTC144EK	FRONT/REAR SW
Q007	25C2412K	MOĐE 2 SWITCH
8000	25C2412K	MOĐE 1 SWITCH
0009	25C2412K	MUTE SW
Q010	25C2412K	RESET
Q251	2SC2412K	AUHO OIGUA
0261	25C2412K	AUÐIO MUTE
Q271	25C2412K	VOLTAGE DETECT
Q502	25A1037K	CONSTANT CURRENT SOURCE
Q505	2SÐ774	V CENT
0506	25B734	V CENT
Q507	25A1037K	CANAL +BLK
Q598	25A1037K	VIĐEO AMP
Q601	2SB1357T114EF	STBY SW
Q602	25Ð1548	REG DUT
Q603	25B1357T114EF	STBY SW
0604	25A1037K	FAST ON/OFF
Q605	25C2412K	STBY SW
0606	25C2412K	STBY SW
0607	2502096-EF	+12V REG
0608	25C2412K	STBY SW
0609	25Đ789-3	STBY SW
Q801	25C2412K	ABL AMP
Q804	2SÐ1941	H OUT
0805	2SC2688	H DRIVER

£003	155133	HUE CTL
Đ005	MTZJ5.6B	PROTECT
900G	MTZJ33A	VC VOLTAGE REGULATION
Đ007	MTZJ3.9B	PROTECT RESET
£009	MTZJ5.6B	CLIPPING SYNC LEVEL
Đ010	MTZJ6.2B	PROTECT
Đ011	MTZJ6.2B	PROTECT
Đ012	155133	PROTECT
Đ013	MTZJ6.8C	PROTECT
Đ271	MTZJ13B	VOLTAGE DETECT
Đ272	155133	DECOUPING MUTE AUDIO
Đ501	155133	SOFT START
Ð504	GP08ĐPKG23	V PULSE OUT
£506	ĐA204K	CURRENT REG
Ð508	155133	CANAL +BLK LEVEL
Ð511	GP080PKG23	PROTECT
Ð512	GP08DPKG23	PROTECT
Ð513	MTZJ4.7B	PROTECT
Đ601	Đ43B60L-F	AC RECT
Ð602	RGP10GPKG23	REF RECT
Đ603	GP080PKG23	SMPS DRIVE 1
Ð604	GP08DPKG23	SMPS DRIVE 2
Ð605	GP08ĐPKG23	SMPS DRIVE 3
909G	RGP10GPKG23	+12V RECT
Đ607	RGP10GPKG23	REF RECT
£0608	ERC25-06S	PLUSE CLIPPER
Đ609	MTZJ33A	FAST ON/OFF
Đ610	CTU-12S	+14V RECT
Ð611	ERÐ29-08J	+135V RECT
Ð612	CTU-125	+7V RECT
Ð613	RGP15J-6040G23	AF V RECT-1
Ð614	RGP15J-6040G23	AF V RECT-2
Ð616	MTZJ6.2B	+12V REG
Ð617	155133	PROTECT
£18	MTZJ5.6B	+12V REF
Ð619	MTZJ33A	FAST ON/OFF-2
£620	ĐA204K	+12V REF
£621	MTZJ33A	FAST ON/OFF-3
Đ622	155133	PROTECT
£623	155133	DECOUPING STBY
Ð624	155133	ĐECOUPING ĐTBY
£630	MTZJ15A	+12V RECT
Đ801	RGP10GPKG23	+27V RECT
Đ802	RGP10GPKG23	+200V RECT
£0803	RGP02-17PKG23	G2 RECT
Đ804	GP080PKG23	H CENTER-1
£805	GP08BPKG23	H CENTER-2
£806	ERC06-155	H ĐAMPER-1
9808	ERÐ28-085	PIN ĐAMPER





— D Board —



— D Board —

	0	D012	C 1
IC001 IC002 IC003 IC005 IC251 IC261 IC501 IC502 IC601 IC604 IC608 TRAN Q001 Q002 Q003 Q004 Q005 Q006 Q007 Q008 Q009 Q010 Q251 Q505 Q506 Q507 Q598 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608	B-2 D-2 C-1 G-2 F-4 D-4 G-5 A-3 SISTOR D-2 D-1 C-1 C-1 F-2 C-3 A-2 E-4 D-4 C-5 F-6 D-6 G-5 G-1 B-3 C-8 B-4 A-6 D-5 C-4 D-4	D012 D013 D271 D272 D501 D504 D506 D508 D509 D511 D512 D513 D514 D515 D601 D602 D603 D604 D605 D606 D607 D608 D609 D610 D611 D612 D613 D614 D616 D617 D618 D619 D620 D621 D622 D623 D624 D630 D621 D622 D623 D624 D630 D621 D622 D623 D624 D630 D801 D802 D803 D804 D805 D806	C-25575566555586656667644555665656565656565656565656565
Q609 Q801	C-4 G-4 E-10	D807 D808	E – 10 D 9
Q804 E-10 Q805 F-7		VARIABLE RESISTOR	
DI	DDE	RV501 RV502	F-5 G-7
D001	A-2	RV601	A-6
D002	D-3		
D003 D005 D006	A – 2 G – 1 F – 1	Т	Ъ.
D007 D009 D010 D011	A-2 E-1 G-1 G-1	TP91	G-9



D012	C 1
D013	D-2
D271	C-5
D272	D-5
D501	G-7
D504	E-5
D506	F-5
D508	G-5
D509	E-6
D511	E-6
D511	E-5
D512	E-5
D514	E-5
D515	E5
D601	A-8
D601	
D602	C - 6
D604	A-6 A-5
D605	B6
D606	B-6
D607	B-6
D608	C-7
D609	B-6
D610	B-4
D611	D-6
D612	A – 4
D613	
	A 5 A 5
D614	
D616	D-5
D617	B-6
D618	D-5
D619	B-6
D620	D-5
D621	B6
D622	D-5
D623	B-4 B-4
D624	B-4 D-5
D630	
D801	F-8
0802	F-10
D803	G 10
0804	E 7
0805	E7
D806	E-9
D807	E-10
D808	D9

VARIABLE RESISTOR

RV501 F-5 RV502 G-7 RV601 A-6

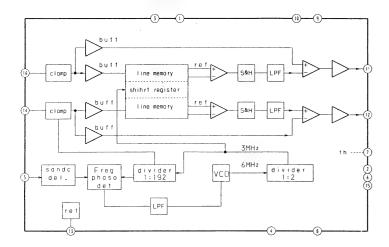
TP G-9



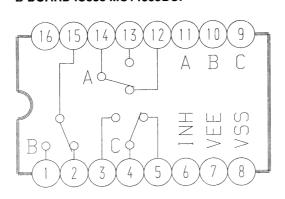
NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

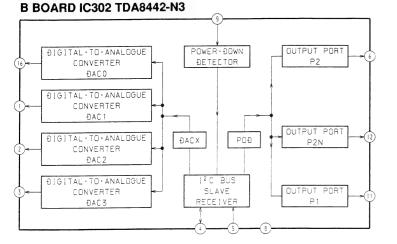
B BOARD IC332 TDA4660V2

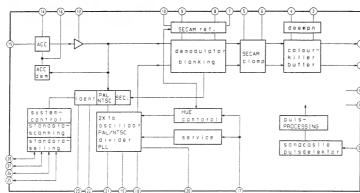


B BOARD IC303 MC14053BCP

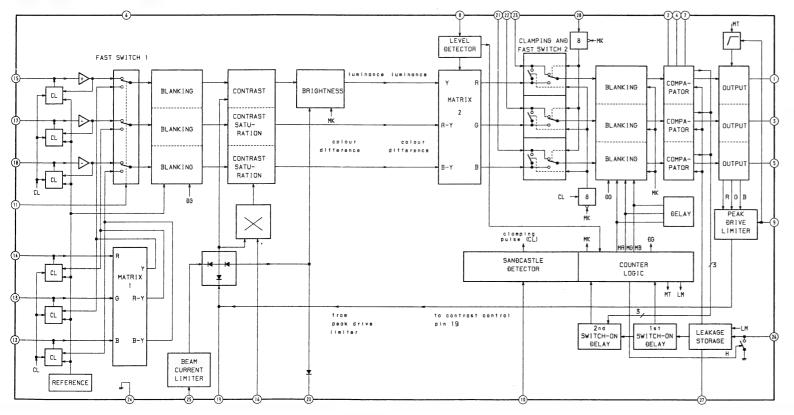


B BOARD IC331 TDA4650





B BOARD IC301 TDA4580-V7



- B Board -

B Board		
(1)	(1) 7	(2)
`խւխւի		
PAL. SECAM	NTSC 3.58/4.43	PAL, SECAM
4.8Vp-p (H)	4.8 Vp-p(H)	4.8 Vp-p (H)
2	3	3
1 ptaled t	ու խու խու խո	क्यिप क्यिप
NTSC 3.58/4.43	PAL, SECAM	NTSC 3.58/4.43
4.8Vp-p (H)	4.8Vp-p (H)	4.8Vp-p (H)
4	(5)	(5)
J J	م کسیمیم کر	المرسم ك
	PAL	SECAM
1 Vp-p (H)	0.4Vp-p (H)	0.36 Vp-p(H)
(5)	6	6_
1, -tt-1,	-1 L-1 L-1 L-	1 st st
NTSC 3.58/4.43	PAL. SECAM	NTSC 3.58/4.43
0.46Vp-p(H)	0.9Vp-p(H)	0.7Vp-p (H)
(7)		(8)
		12-12-12-
PAL, SECAM	NTSC 3.58/4.43	PAL
1.1Vp-p (H)	1 Vp-p (H)	0.5Vp-p(H)
(8)		
	.	Mar Mar Tan-
SECAM 1.1 Vp-p (H)	NTSC 3.58/4.43 0.4Vp-p (H)	PAL 0.6Vp-p (H)
9		
##\\\ 3		
9		
9 —My My My SECAM	9 	SECAM
(9) 	9 NTSC 3.58/4.43 0.6 Vp-p(H)	SECAM 1.4 Vp-p (H)
(9) 	9 NTSC 3.58/4.43 0.6 Vp-p(H)	SECAM 1.4 Vp-p (H)
9 SECAM 1.3Vp-p (H) 11 SECAM 0.2Vp-p (H)	9 NTSC 3.58/4.43 0.6 Vp-p(H) 12 PAL 0.2 Vp-p(H)	SECAM 1.4 Vp-p (H)
9 	9 NISC 3.58/4.43 0.6 Vp-p(H) 12 PAL 0.2 Vp-p(H)	SECAM 1.4 Vp-p (H) 12 SECAM
9 SECAM 1.3Vp-p (H) 11 SECAM 0.2Vp-p (H)	9 NTSC 3.58/4.43 0.6 Vp-p(H) 12 PAL 0.2 Vp-p(H)	SECAM 1.4 Vp-p (H) 12 SECAM 0.12Vp-p (H)
9	9 NTSC 3.58/4.43 0.6 Vp-p(H) PAL 0.2 Vp-p(H)	SECAM 1.4 Vp-p (H) SECAM 0.12Vp-p (H) SECAM 0.52Vp-p (H)
9 - Μ, Μ, Μ, SECAM 1.3 Vρ-ρ (H) (1) SECAM 0.2 Vρ-ρ (H) (12) NTSC 3.58/4.43 0.05 Vρ-ρ (H)	PAL 0.4 Vp-p(H) PAL 0.4 Vp-p(H)	SECAM 0.1 Vp-p(H) SECAM 0.1 Vp-p(H)
9	9 NTSC 3.58/4.43 0.6 Vp-p(H) PAL 0.2 Vp-p(H)	SECAM 1.4 Vp-p (H) SECAM 0.12Vp-p (H) SECAM 0.52Vp-p (H)
9 - Μ, Μ, Μ, SECAM 1.3 Vρ-ρ (H) (1) SECAM 0.2 Vρ-ρ (H) (12) NTSC 3.58/4.43 0.05 Vρ-ρ (H)	PAL 0.4 Vp-p(H) PAL 0.4 Vp-p(H)	SECAM 0.1 Vp-p(H) SECAM 0.1 Vp-p(H)
9 SECAM 1.3Vp-p (H) (1) SECAM 0.2Vp-p (H) (12) NTSC 3.58/4.43 0.09Vp-p (H) (13) NTSC 3.58/4.43	9 NTSC 3.58/4.43 0.6 Vp-p(H) 12 PAL 0.2 Vp-p(H) 13 PAL 0.4 Vp-p(H)	SECAM 1.4 Vp-p (H) 12 SECAM 0.1 2Vp-p (H) 3 SECAM 0.1 Vp-p (H)
9 SECAM 1.3Vp-p(H) (1) SECAM 0.2Vp-p(H) (2) NTSC 3.58/4.43 0.05Vp-p(H) (3) NTSC 3.58/4.43 0.4 Vp-p(H)	9 NTSC 3.58/4.43 0.6 Vp-p(H) PAL 0.2 Vp-p(H) (3) PAL 0.4 Vp-p(H) (4) PAL 1 Vp-p(H)	SECAM 0.12/p-p(H) SECAM 0.12/p-p(H) SECAM 0.1 Vp-p(H) 12 SECAM 1 Vp-p(H)
9 SECAM 1.3Vp-p (H) (1) SECAM 0.2Vp-p (H) (12) NTSC 3.58/4.43 0.09Vp-p (H) (13) NTSC 3.58/4.43	9 NTSC 3.58/4.43 0.6 Vp-p(H) 12 PAL 0.2 Vp-p(H) 13 PAL 0.4 Vp-p(H)	SECAM 1.4 Vp-p (H) 12 SECAM 0.1 2Vp-p (H) 3 SECAM 0.1 Vp-p (H)
SECAM 1.3Vp-p (H) (1) SECAM 0.2Vp-p (H) (12) NTSC 3.58/4.43 0.05Vp-p (H) (13) NTSC 3.58/4.43 0.4 Vp-p (H) (14)	9 NISC 3.58/4.43 0.6 Vp-p(H) PAL 0.2 Vp-p(H) 3 PAL 0.4 Vp-p(H) 4 PAL 1 Vp-p(H)	SECAM 0.12/p-p(H) SECAM 0.12/p-p(H) SECAM 0.1 Vp-p(H) SECAM 1 Vp-p(H)
9 SECAM 1.3Vp-p(H) (1) SECAM 0.2Vp-p(H) (2) NTSC 3.58/4.43 0.05Vp-p(H) (3) NTSC 3.58/4.43 0.4 Vp-p(H)	PAL 0.4 Vp-p (H) PAL 1. Vp-p (H) PAL 1. Vp-p (H)	SECAM 0.12/p-p(H) SECAM 0.12/p-p(H) SECAM 0.1 Vp-p(H) SECAM 1 Vp-p(H)
9	PAL 0.4 Vp-p (H) PAL 0.4 Vp-p (H) PAL 1 Vp-p (H)	SECAM 0.12/p-p(H) SECAM 0.12/p-p(H) SECAM 0.1 Vp-p(H) SECAM 1 Vp-p(H)
SECAM 1.3Vp-p(H) (1) SECAM 0.2Vp-p(H) (12) NTSC 3.58/4.43 0.09Vp-p(H) (13) NTSC 3.58/4.43 0.4 Vp-p(H) (14) NTSC 3.58/4.43 1.1 Vp-p(H)	PAL 1 VP-P (H) PAL 1 VP-P (H)	SECAM 0.12/p-p(H) SECAM 0.12/p-p(H) SECAM 0.1 Vp-p(H) SECAM 1 Vp-p(H) SECAM 1 Vp-p(H)
SECAM 1.3Vp-p(H) SECAM 0.2Vp-p(H) 12 NTSC 3.58/4.43 0.05Vp-p(H) 13 NTSC 3.58/4.43 0.4 Vp-p(H) NTSC 3.58/4.43 1.1 Vp-p(H)	PAL 0.4 Vp-p (H) PAL 1 Vp-p (H) PAL 1 Vp-p (H) PAL 1 Vp-p (H)	SECAM 0.12/p-p(H) SECAM 0.12/p-p(H) SECAM 0.1 Vp-p(H) SECAM 1 Vp-p(H) SECAM 1 Vp-p(H)
SECAM 1.3Vp-p(H) (1) SECAM 0.2Vp-p(H) (12) NTSC 3.58/4.43 0.09Vp-p(H) (13) NTSC 3.58/4.43 0.4 Vp-p(H) (14) NTSC 3.58/4.43 1.1 Vp-p(H)	PAL 1 VP-P (H) PAL 1 VP-P (H)	SECAM 0.12/p-p(H) SECAM 0.12/p-p(H) SECAM 0.1 Vp-p(H) SECAM 1 Vp-p(H) SECAM 1 Vp-p(H)

- B Board -

IC301			
IC303	IC301	TĐA4580-V7	VIĐEO PROCESSOR
IC331	IC302	TĐA8442-N3	Đ/A CONVERTER IC BUS
C332	10303	MC14053BCP	Y/C COMP SW
Q301 2SC2412K Y BUFFER Q303 2SC2412K STBY SW Q305 ĐTA144EK ANTI PRIORITY SCART Q306 JC501TP V1ĐEO BUFF Q311 2SC2412K ON SCREEN ĐISPLAY SW Q312 2SC2412K ON SCREEN ĐISPLAY Q313 2SC2412K ON SCREEN ĐISPLAY Q316 2SC2412K FAS PICTURE MUTE SW Q331 DTC124EK NTSC SW Q331 DTC124EK NTSC SW Q332 2SA1037K V1ĐEO BUFF Q333 2SA1037K V1ĐEO BUFF Q333 2SA1037K V1ĐEO BUFF Q333 2SA1037K V1ĐEO BUFF Q333 2SA1037K V1ĐEO BUFF Q334 2SC2412K PAL/NTSC SW Q335 2SC2412K PAL/NTSC SW Q335 2SC2412K PAL/NTSC SW Q336 DTC124EK MUTE Q382 2SC2412K ABL Q1301 DTC124EK Y DUT D301	IC331	TĐA4650-V4	COLOR PROCESSOR
Q303 25C2412K STBY SW Q305	IC332	TĐA4660V2	1H-DELAY
Q303 25C2412K STBY SW Q305			
Q305 DTA144EK ANTI PRIORITY SCART	Q301	2SC2412K	Y BUFFER
Q306	Q303	25C2412K	STBY SW
Q311 25C2412K	Q305	ĐTA144EK	ANTI PRIORITY SCART
Q312 25C2412K	Q306	JC501TP	VIĐEO BUFF
Q313 2SC2412K	Q311	25C2412K	ON SCREEN DISPLAY SW
Q316 2SC2412K	Q312	25C2412K	CANAL +BLK
Q330 25A1037K VIÐED AMP Q331 ÐTC124EK NTSC SW Q332 25A1037K VIÐED BUFF Q333 2SA1037K Y AMP Q334 2SC2412K PAL/NTSC SW Q335 2SC2412K SECAM SW Q381 DTC124EK MUTE Q382 2SC2412K ABL Q1301 DTC124EK Y BUFF Q1306 2SC2412K Y DUT D301 1SS133 ACO AT STBY D302 1SS133 ACO AT STBY D303 1SS133 DECOUPLING BLK D304 1SS133 DECOUPLING BLK D305 1SS133 PROTECT D309 1SS133 PROTECT D310 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D313 1SS133 PROTECT D314 1SS133 PROTECT D313 1SS133 PROTECT D314 1SS133 PROTECT <td< td=""><td>Q313</td><td>25C2412K</td><td>ON SCREEN DISPLAY</td></td<>	Q313	25C2412K	ON SCREEN DISPLAY
Q331 DTC124EK NTSC SW Q332 2SA1037K V1DEO BUFF Q333 2SA1037K VAMP Q334 2SC2412K PAL/NTSC SW Q335 2SC2412K SECAM SW Q336 DTC124EK MUTE Q382 2SC2412K ABL Q1301 DTC124EK Y BUFF Q1306 2SC2412K Y OUT D301 1SS133 ACO AT STBY D302 1SS133 ACO AT STBY D303 1SS133 ACO AT STBY D304 1SS133 DECOUPLING BLK D305 1SS133 PROTECT D309 1SS133 PROTECT D309 1SS133 PROTECT D310 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D312 MTZ11CJ PROTECT D313 1SS133 PROTECT D314 1SS133 PROTECT D315 1SS133 PROTECT D316 1SS133 PROTECT D317 1SS133 PROTECT D318 1SS133 PROTECT D319 1SS133 PROTECT D331 1SS133 SECAM SW	0316	2SC2412K	FAS PICTURE MUTE SW
Q332 25A1037K VIÐED BUFF Q333 2SA1037K Y AMP Q334 2SC2412K PAL/NTSC SW Q335 2SC2412K SECAM SW Q381 DTC124EK MUTE Q382 2SC2412K ABL Q1301 DTC124EK Y BUFF Q1306 2SC2412K Y OUT D301 1SS133 ACO AT STBY D302 1SS133 ACO AT STBY D303 1SS133 ACO AT STBY D304 1SS133 DECOUPLING BLK D305 1SS133 PROTECT D307 MTZ11CJ PROTECT D309 1SS133 PROTECT D310 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D312 MTZ11CJ PROTECT D313 1SS133 PROTECT D314 1SS133 PROTECT D315 1SS133 PROTECT D316 1SS133 PROTECT D318 </td <td>Q330</td> <td>25A1037K</td> <td>VIĐEO AMP</td>	Q330	25A1037K	VIĐEO AMP
Q333 2SA1037K Y AMP Q334 2SC2412K PAL/NTSC SW Q335 2SC2412K SECAM SW Q381 DTC124EK MUTE Q382 2SC2412K ABL Q1301 DTC124EK Y BUFF Q1306 2SC2412K Y OUT D301 1SS133 ACO AT STBY D302 1SS133 ACO AT STBY D303 1SS133 ACO AT STBY D304 1SS133 DECOUPLING BLK D305 1SS133 PROTECT D307 MTZ11CJ PROTECT D309 1SS133 PROTECT D310 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D312 MTZ11CJ PROTECT D313 1SS133 PROTECT D314 1SS133 PROTECT D315 1SS133 PROTECT D316 1SS133 PROTECT D317 1SS133 PROTECT D318	Q331	ĐTC124EK	NTSC SW
Q334 2SC2412K	Q332	25A1037K	VIĐEO BUFF
Q335 2SC2412K SECAM SW Q381 DTC124EK MUTE Q382 2SC2412K ABL Q1301 DTC124EK Y BUFF Q1306 2SC2412K Y OUT D301 1SS133 ACO AT STBY D302 1SS133 ACO AT STBY D303 1SS133 ACO AT STBY D304 1SS133 DECOUPLING BLK D305 1SS133 PROTECT D307 MTZ11CJ PROTECT D309 1SS133 PROTECT D310 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D312 MTZ11CJ PROTECT D313 1SS133 PROTECT D314 1SS133 PROTECT D315 1SS133 PROTECT D316 1SS133 PROTECT D317 1SS133 PROTECT D318 1SS133 PROTECT D319 1SS133 PROTECT D320 1SS133 PROTECT D331 1SS133 SECAM SW		2SA1037K	
Q381 DTC124EK MUTE			
Q382 2SC2412K ABL Q1301 DTC124EK Y BUFF Q1306 2SC2412K Y DUT D301 1SS133 ACO AT STBY D302 1SS133 ACO AT STBY D303 1SS133 ACO AT STBY D304 1SS133 DECOUPLING BLK D305 1SS133 PROTECT D307 MTZ11CJ PROTECT D309 1SS133 PROTECT D310 MTZ11CJ PROTECT D311 MTZ11CJ PROTECT D312 MTZ11CJ PROTECT D313 1SS133 PROTECT D314 1SS133 PROTECT D315 1SS133 PROTECT D316 1SS133 PROTECT D317 1SS133 PROTECT D318 1SS133 PROTECT D319 1SS133 PROTECT D320 1SS133 PROTECT D331 1SS133 SECAM SW	Q335		SECAM SW
Q1301 DTC124EK Y BUFF Q1306 2SC2412K Y OUT 0301 1SS133 ACO AT STBY 0302 1SS133 ACO AT STBY 0303 1SS133 ACO AT STBY 0304 1SS133 DECOUPLING BLK 0305 1SS133 PROTECT 0307 MTZ11CJ PROTECT 0310 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0312 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0314 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 PROTECT			
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0302 1SS133 ACO AT STBY 0303 1SS133 ACO AT STBY 0304 1SS133 DECOUPLING BLK 0305 1SS133 PROTECT 0307 MTZ11CJ PROTECT 0310 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 PROTECT 0331 1SS133 PROTECT	Q1306	25C2412K	Y DUT
0302 1SS133 ACO AT STBY 0303 1SS133 ACO AT STBY 0304 1SS133 DECOUPLING BLK 0305 1SS133 PROTECT 0307 MTZ11CJ PROTECT 0310 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 PROTECT 0331 1SS133 PROTECT			
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0304 1SS133 ĐECOUPLING BLK 0305 1SS133 PROTECT 0307 MTZ11CJ PROTECT 0309 1SS133 PROTECT 0310 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0312 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW	Ð302	155133	ACO AT STBY
0305 1SS133 PROTECT 0307 MTZ11CJ PROTECT 0309 1SS133 PROTECT 0310 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0312 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			
0307 MTZ11CJ PROTECT 0309 1SS133 PROTECT 0310 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0312 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			
### 8309 15S133 PROTECT ### 9310 MTZ11CJ PROTECT ### 9311 MTZ11CJ PROTECT ### 9313 1SS133 PROTECT ### 9314 1SS133 PROTECT ### 9315 1SS133 PROTECT ### 9316 1SS133 PROTECT ### 9317 1SS133 PROTECT ### 9318 1SS133 PROTECT ### 9319 1SS133 PROTECT ### 9320 1SS133 PROTECT ### 9331 1SS133 SECAM SW	Đ305	155133	
0310 MTZ11CJ PROTECT 0311 MTZ11CJ PROTECT 0312 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			
### 8311 MTZ11CJ PROTECT ### 9312 MTZ11CJ PROTECT ### 9313 1SS133 PROTECT ### 9314 1SS133 PROTECT ### 9315 1SS133 PROTECT ### 9317 1SS133 PROTECT ### 9318 1SS133 PROTECT ### 9319 1SS133 PROTECT ### 9320 1SS133 PROTECT ### 9331 1SS133 SECAM SW			
0312 MTZ11CJ PROTECT 0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW	Đ310		
0313 1SS133 PROTECT 0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			
0314 1SS133 PROTECT 0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			
0315 1SS133 PROTECT 0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			
0316 1SS133 PROTECT 0317 1SS133 PROTECT 0318 1SS133 PROTECT 0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			
### 8317 1SS133 PROTECT ### 8318 1SS133 PROTECT ### 8319 1SS133 PROTECT ### 8320 1SS133 PROTECT ### 8331 1SS133 SECAM SW			
### ### ### ### ### ### ### ### ### ##			
0319 1SS133 PROTECT 0320 1SS133 PROTECT 0331 1SS133 SECAM SW			PROTECT
### ##################################			
Đ331 1SS133 SECAM SW			
	Ð320	155133	
Đ332 15S133 SECAM SW	Đ332	155133	SECAM SW
Đ333 155133 SECAM SW	Đ333	155133	SECAM SW
Đ350 MTZ5.6CJ PROTECT	Đ350	MTZ5.6CJ	PROTECT

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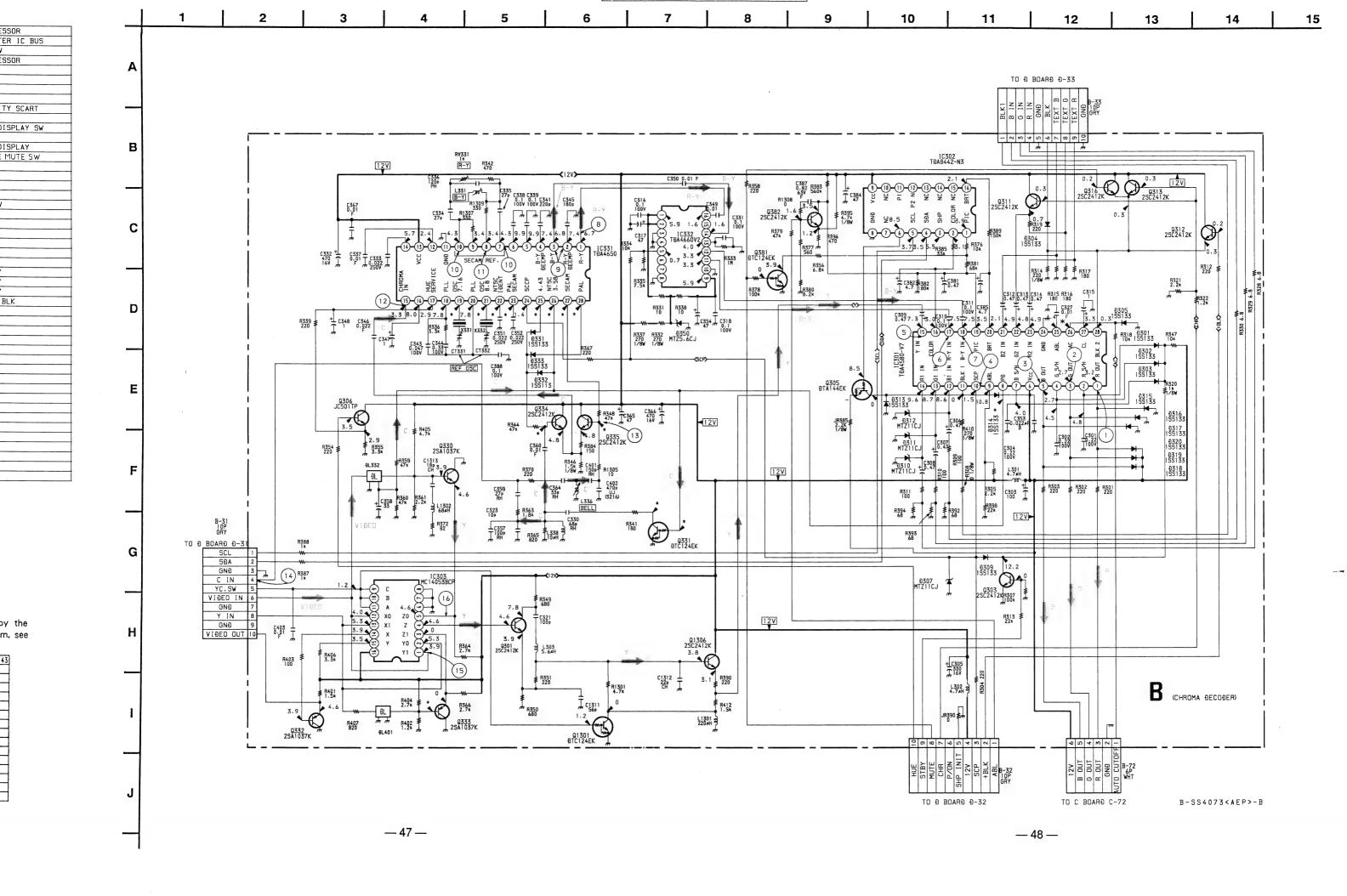
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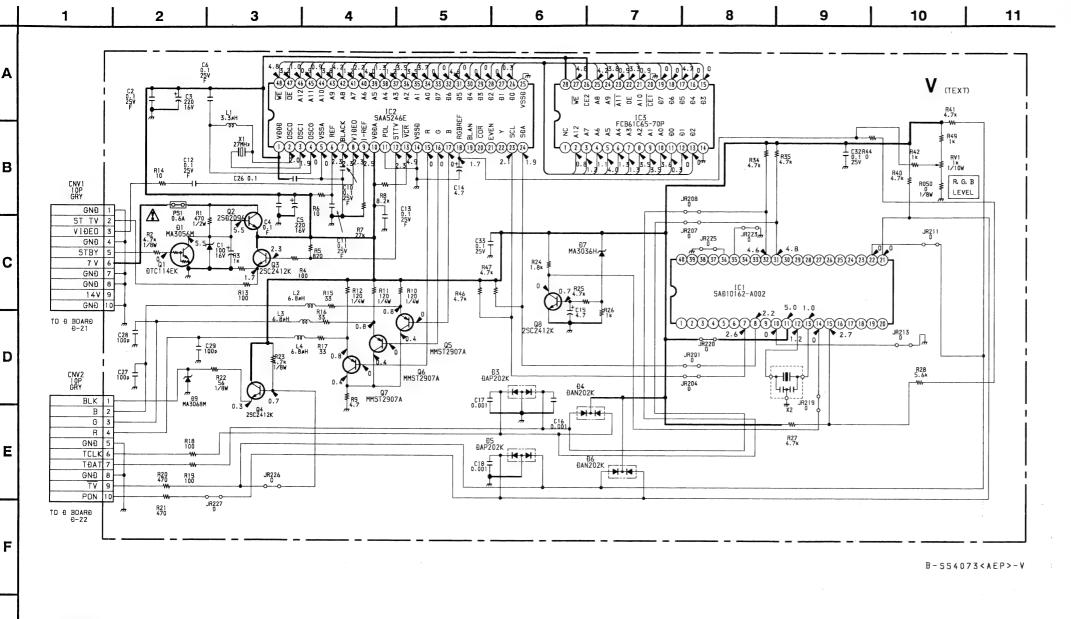
— B Board —

As to the voltage volue shown by the mark * on the Schematic Diagram, see the another list.

	PAL	SECAM	NTSC3.58	NTSC4.43
10301	0.1	0.1	5.8	0.1
(16)	6.7	6.8	5.1	5.1
10331	3.1	3.6	3.1	2.8
(1)	3.0	3.5	2.9	2.7
1 0	5.6	5.6	7.1	7.2
[3	7.5	7.0	5.6	5.6
(3)	0.1	0.1	0.1	5.8
1 1	0.1	0.1	5.8	0.1
1 0	0.1	5.8	0.1	0.1
(1)	5.9	0.1	0.1	0.1
Q331 (B)	0.1	0.1	5.8	0.1
(C)	1.5	1.9	0	0.8
Q333 (B)	3.4	4.4	4.4	4.4
Q334 (B)	4.9	0.1	4.8	4.8
Q335 (B)	0.1	4.8	0.1	0.1



SSOR



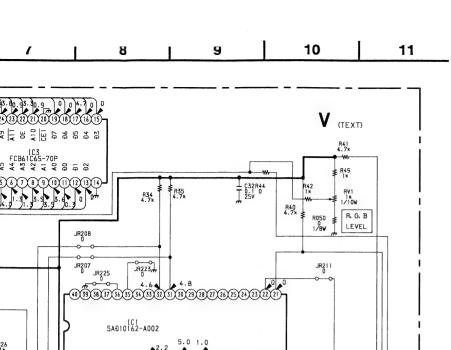
— V Board —

[CHROMA DECODER]

— B Board —

— V Board —

IC1	SĐA20162-B002	MICRO-CONT
IC2	SAA5246E	IVT
IC3	FCB61C65L-70P	STATIC-RAM
	10201002 701	377713
Q1	ĐTC114EK	STANĐ BY
Q2	2SÐ2096	5V REG
Q3	2SC2412K	SYNC BUFFER
Q4	25C2412K	BLK OUT
Q5	MMST2907A	B OUT
96	MMST2907A	G OUT
Q7	MMST2907A	R OUT
Q8	25C2412K	P ON SW
Đ1	MA3056M	5V REG
Đ3	ĐAP202K	PROTECT
Đ4	ĐAN202K	PROTECT
Đ5	ĐAP202K	PROTECT
Ð6	ĐAN202K	PROTECT
Đ7	MA3036H	PROTECT
Đ9	MA3068M	PROTECT
	1	



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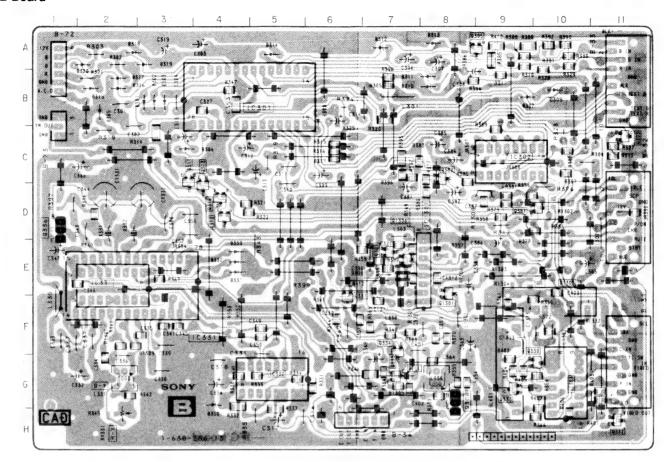
R27 4.7k



R28 5.6k



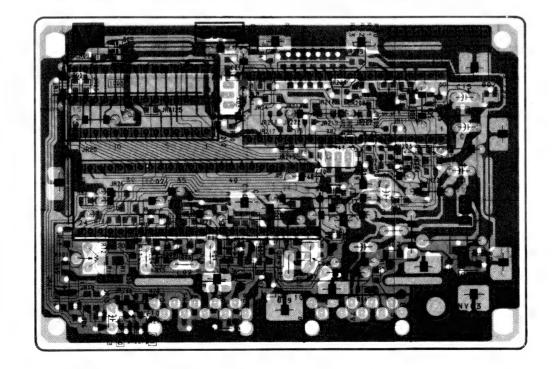
— B Board —



— B Board —

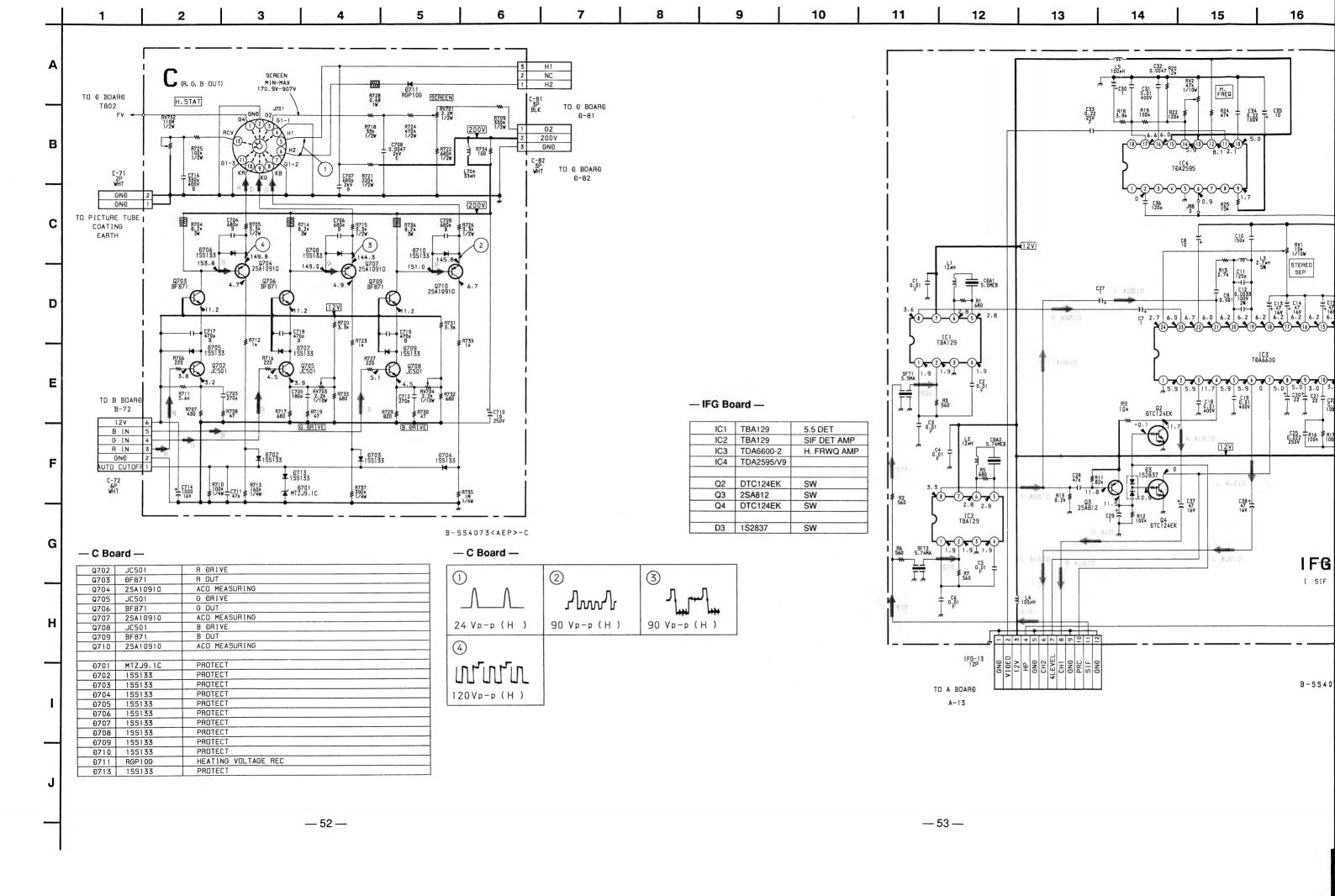
— B Board —	
IC	D304 C-3
IC301 B - 5 IC302 C - 9 IC303 G - 1 IC331 E - 2 IC332 G - 5	D309 B - 10 D310 B - 8 D311 B - 8
TRANSISTO	DR D314 A-5
Q301 E - 7 Q303 C - 1 Q305 A - 9 Q306 G - 9 Q311 C - 3 Q312 D - 4 Q313 C - 4 Q316 D - 4 Q330 G - 1 Q331 F - 6	1 D316 B-2 D317 B-2 D318 A-2 D319 A-3 D320 A-2 D331 E-4 D332 E-4
Q332 H-1 Q333 G-9	. 1 [1/11/01/01] 1
Q334 F - 7 Q335 G - 8	CT331 D - 2 CT332 D - 3
Q381 D - 10 Q382 C - 8 Q1301 E - 8	VARIABLE RESISTOR
Q1306 E-7	RV331 H-2
DIODE	
D301 B - 3 D302 B - 3 D303 B - 3	

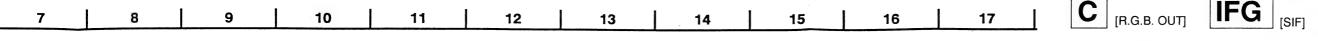
- V Board -

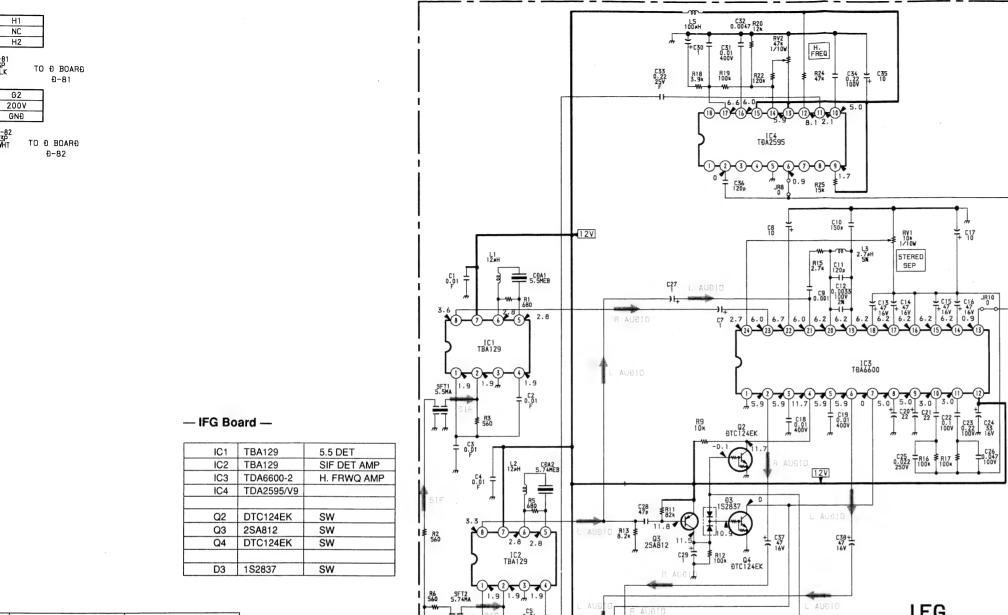


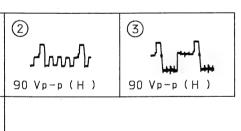
• Conductor side pattern

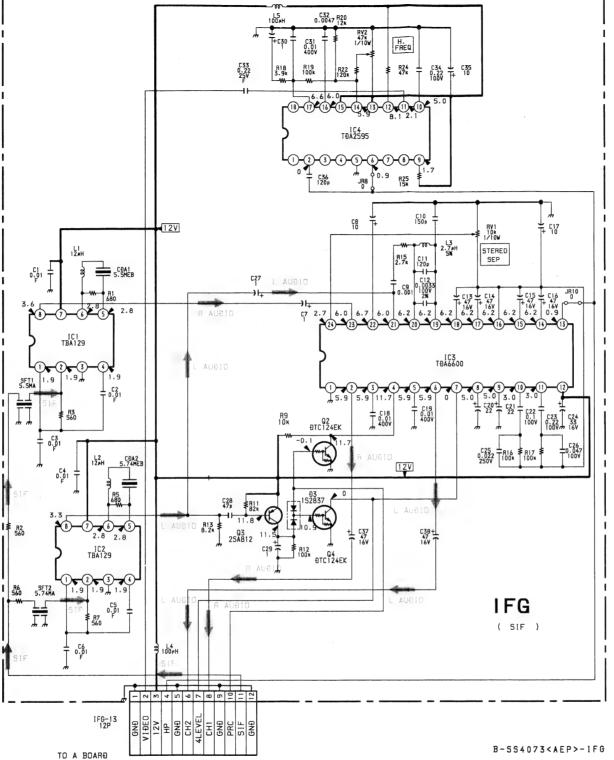
• Component side pattern



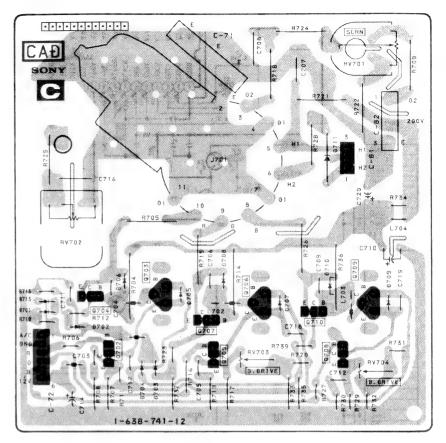




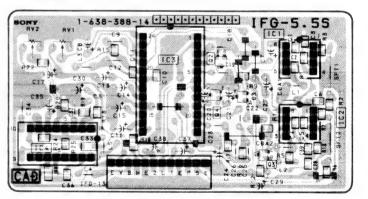




- C Board -

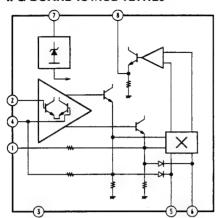


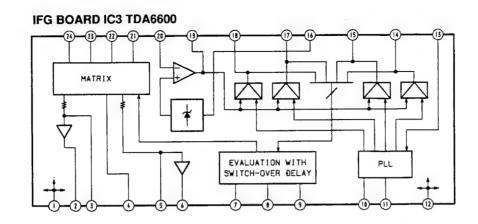
- IFG Board -



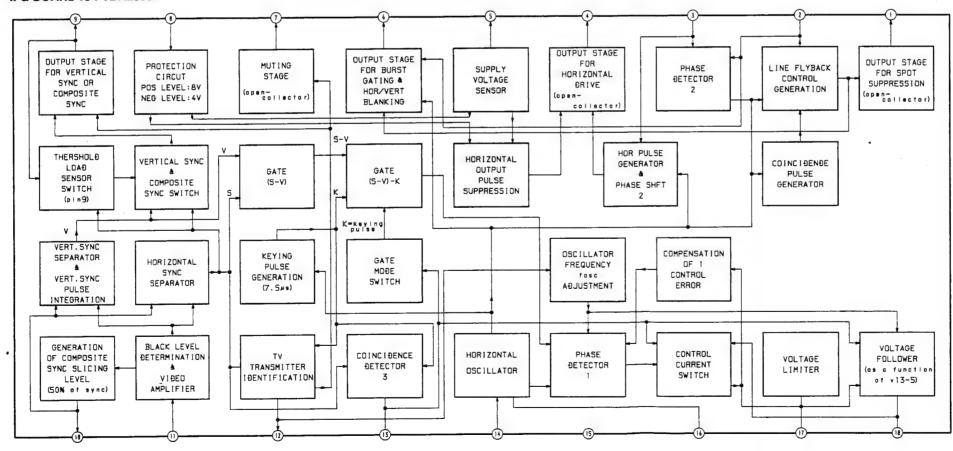
A-13

IFG BOARD IC1/IC2 TBA129





IFG BOARD IC4 TDA2595



5-4. SEMICONDUCTORS

BU14053B HD14053BFP MC14051BCP MC14053BCP PCF8574 TDA2545A-V4 TDA4660V2 TDA8442-N3 TEA2260 μPD4053BC



(Top view)

CXA1114P CXK5864BP-10L FCB61C65L-70P TC5565APL-15L TDA4580-V7 TDA4650 TDA4650/V4 TDA6200 **TEA2028B**



LM7812CT TDA8341/N6 **TEA7605**



RC4558P SDA2546 **TBA129 TEA2014A TEA2031A**



SAA5246P/E



SBX1610-11



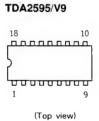
SDA20162-B002 SDA20560-A012



(Top view)

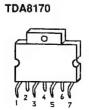






TDA6600-2





BF871



DTA144EK DTC114EK DTC124EK DTC144EK MMST2907A 2SA1162-G 2SA1623-L5L6 2SB1295-UL6 2SC1623-L5L6 2SA812 2SA1037K 2SC2412K



DTC144ES



JC501TP-Q 2SC2785-HFE



2SA1091-0 2SA10910



2SA1220A-P 2SB1357T114EF 2SC2688-LK



2SB734-34 2SD774-34



2SD1548-LB 2SD1941-06



2SD2096-EF











DAN202K

DAP202K

DA204K

1SS226

D4SB60L-F

EGP20G

ERC06-15S

ERC25-06S

RU-3AM

RGP10GPKG23

1S2836



GP08DPKG23 RGP02-17 RGP15J



ERD29-08J



ERD28-08S



HZS10NB3

HZS15NB1 HZS33NB1 HZS36NB4 HZS3.9NB2 HZS4.7NB2 HZS5.6NB2 HZS5.6NB3 HZS6.2NB2 HZS6.8NB3 HZS7.5NB3

HZS11NB3 HZS13NB2

HZS9.1NB3 MTZJ-11C MTZJ-13B MTZJ-15A MTZJ-33A MTZJ-36D MTZJ-3.9B MTZJ-4.7B MTZJ-5.6B MTZJ-5.6C MTZJ-6.2B MTZJ-6.8C

MTZJ-7.5C MTZJ-9.1C MTZJ-10C RD11ESB3 RD13ESB2 RD15ESB1 RD5.6ESB2 RD6.2ESB2 RD6.2ESL3

RD6.8ESB2

RD7.5ESB2

RD9.1ESB3

UZ-4.7BSC

1SS119



LD-201VR



MA152WK 152837



MA3036H MA3056M MA3068M RD3.6M-B2 RD5.6M-B2 RD6.8M-B2





U05G



SECTION 6 EXPLODED VIEWS

NOTE:

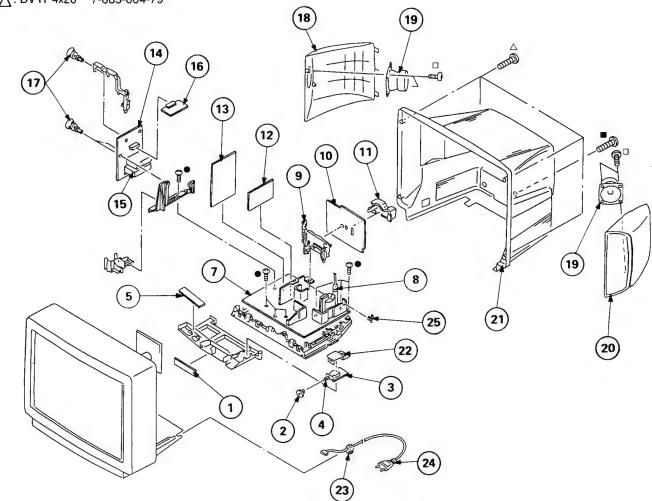
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark Δ are critical for safety.

Replace only with part number specified.

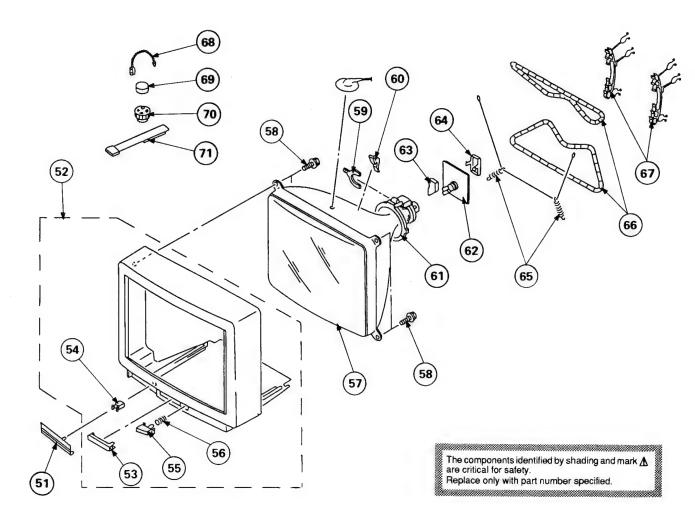
6-1. CHASSIS

SVTP3x12 7-685-648-79
 BVTP4x16 7-685-663-79
 BVTP3x20 7-685-651-79
 ↑: BVTP4x20 7-685-664-79



REF.NO. PART NO.	DESCRIPTION	REMARK	REF.NO. PART NO.	DESCRIPTION	REMARK
5 *1-638-744-11 7 *A-1642-067-A 8 A.1-439-416-51 9 *4-386-624-01	COVER, SWITCH F BOARD SWITCH, PUSH (AC POWER) H1 BOARD D BOARD, COMPLETE TRANSFORMER ASSY, FLYBACK (U BRACKET, J J1 BOARD, COMPLETE BRACKET, TERMINAL	IX-1650)		A BOARD, COMPLETE TUNER, ET (UV-816(PLL)) IFG BOARD, COMPLETE RIVET, T TYPE BAFFLE BOARD ASSY (L) SPEAKER (7.5X13CM) BAFFLE BOARD ASSY (R) COVER, REAR COVER, REAR COVER, POWER SWITCH HOLDER, AC CORD CORD, POWER (WITH NOISE FILTHOLDER, WIRE	TER)

6-2. PICTURE TUBE



REF. NO. PART NO.	DESCRIPTION	REMARK REF. N	O. PART NO.	DESCRIPTION	REMARK
51	SPRING PICTURE TUBE (A51JXH61X) SCREW (S), PT MAGNET, BMC SPACER, DY	53~56 62 63 64 65 66 67 68 69 70 71	*A-1638-018-A *4-379-167-01 *4-379-160-01 4-200-433-11 \$\Delta\$.1-426-383-11 *4-386-622-11 4-308-870-00 1-452-032-00 1-452-094-00 X-4309-608-0	COVER (REAR LID), CV SPRING, EXTENSION COIL, DEMAGNETIZATION BAND, DGC CLIP, LEAD WIRE MAGNET, DISK: 10MM MAGNET, ROTATABLE DISK: 15MM	6

В

SECTION 7 ELECTRICAL PARTS LIST

NOTE:

specified.

The components identified by shading and mark Δ are critical for safety.

Replace only with part number

Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

CAPACITORS MF: μF, PF: μμF COILS MMH: mH, UH: µH

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- · All resistors are in ohms
- F: nonflammable

REF.NO	. PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	* A-1621-036-A * 1-565-393-11 *1-565-302-11	B BOARD, COM *************** NECTOR>	PLETE *****			C351 C352 C353 C354 C357	1-137-102-11 1-137-102-11 1-163-063-00 1-124-910-11 1-163-377-11	CERAMIC CHIP	0.022MF 47MF	10% 10% 10% 20% 5%	250V 250V 50V 50V 50V
B31 B32 B33 B72	*1-565-393-11 *1-568-881-51	CONNECTOR, B	OARD TO BOAR OARD TO BOAR OARD TO BOAR OR 6P	D D D		1	1-124-917-11 1-163-103-00 1-101-004-00 1-163-105-00 1-124-910-11	ELECT CERAMIC CHIP CERAMIC	33MF 27PF 0.01MF		50V 50V 50V 50V 50V
	<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td>C366</td><td>1-126-103-11</td><td>ELECT</td><td>470MF</td><td>20%</td><td>16V</td></cap<>	ACITOR>				C366	1-126-103-11	ELECT	470MF	20%	16 V
C301 C302 C303 C304 C305	1-137-031-11 1-137-031-11 1-124-122-11 1-137-031-11 1-124-119-00	FILM ELECT FILM	0.22MF 0.22MF 100MF 0.22MF 330MF	10% 10% 20% 10% 20%	100V 100V 50V 100V 16V	C367 C381 C382	1-101-004-00 1-124-902-00 1-124-927-11 1-124-910-11	CERAMIC ELECT ELECT FIRCT	0.01MF 0.47MF 4.7MF	20% 20% 20%	50V 50V 50V 50V
C306 C307 C308 C309 C310	1-124-902-00 1-124-902-00 1-124-902-00 1-124-902-00 1-137-098-11	ELECT ELECT ELECT ELECT FILM	0.47MF 0.47MF 0.47MF 0.47MF 0.47MF	20% 20% 20% 20% 20% 10%	50V 50V 50V 50V 100V	1 0402	1-124-927-11 1-137-027-11 1-137-098-11 1-101-361-00 1-163-197-00	CENAMIC CHIP	47011	20% 10% 10% 5% 5%	50V 63V 100V 50V 50V
C311 C312 C313 C314 C315	1-137-098-11 1-124-902-00 1-124-902-00 1-124-902-00 1-124-903-11	FILM ELECT ELECT ELECT	0.1MF 0.47MF 0.47MF 0.47MF 1MF	10% 20% 20% 20% 20%	100V 50V 50V 50V 50V	C403 C1311 C1312 C1313	1-163-031-11 1-163-111-00 1-163-235-11 1-102-953-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC	0.01MF 56PF 22PF 18PF	5% 5% 5%	50V 50V 50V 50V
C316 C317 C318 C321 C323	1-137-098-11 1-124-910-11 1-137-098-11 1-163-117-00 1-102-947-00		-	10% 20% 10% 5% 0.5PF	100V 50V 100V 50V 50V	CT331 CT332	1-141-181-11 1-141-181-11	CAP, TRIMMER			
C327	1-163-031-11	CERAMIC CHIP	0.01MF		50 V		<010				
C330 C331 C332 C333	1-163-113-00 1-137-098-11 1-126-103-11 1-137-102-11	CERAMIC CHIP FILM ELECT FILM	68PF 0.1MF 470MF 0.022MF	5% 10% 20% 10%	50V 100V 16V 250V	D301 D302 D303 D304 D305	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			
C334 C335 C336 C337 C338	1-163-237-11 1-163-237-11 1-102-816-00 1-101-004-00 1-137-098-11	CERAMIC CHIP	27PF 27PF 120PF 0.01MF 0.1MF	5% 5% 5% 10%	50V 50V 50V 50V 100V	D307 D309	8-719-110-23 8-719-911-19 8-719-110-23 8-719-110-23 8-719-110-23	DIODE RD11ES- DIODE 1SS119 DIODE RD11ES- DIODE RD11ES-	-B3 -B3		
C339 C341 C343 C344 C345	1-137-098-11 1-163-125-00 1-137-094-11 1-137-033-11 1-163-123-00	FILM CERAMIC CHIP FILM FILM CERAMIC CHIP	0.047MF 0.33MF	10% 5% 10% 10% 5%	100V 50V 100V 100V 50V	D313 D314 D315 D316	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119	נט		
C346 C347 C348 C349 C350	1-163-033-00 1-124-903-11 1-124-903-11 1-163-031-11 1-163-031-11	CERAMIC CHIP ELECT ELECT CERAMIC CHIP CERAMIC CHIP	1MF 1MF 0.01MF	20% 20%	50V 50V 50V 50V 50V	D317 D318 D319 D320 D331	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			



REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
D332 D333 D350	8-719-911-19 8-719-911-19 8-719-109-89	DIODE 188119 DIODE 188119 DIODE RD5 6F8	-R2			R313 R314	1-216-081-00 1-216-182-00	METAL GLAZE METAL GLAZE	22K 220	5% 5%	1/10W 1/8W	
DL332	PART NO 8-719-911-19 8-719-911-19 8-719-109-89 <del. 1-236-062-11="" 1-415-613-11<="" td=""><td>AY LINE> MODULE, Y DEL</td><td>AY LINE</td><td></td><td></td><td>R315 R316 R317 R318 R319</td><td>1-216-031-00 1-216-031-00 1-216-031-00 1-249-429-11 1-249-409-11</td><td>METAL GLAZE METAL GLAZE METAL GLAZE CARBON CARBON</td><td>180 180 180 10K 220</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/4W 1/4W</td><td></td></del.>	AY LINE> MODULE, Y DEL	AY LINE			R315 R316 R317 R318 R319	1-216-031-00 1-216-031-00 1-216-031-00 1-249-429-11 1-249-409-11	METAL GLAZE METAL GLAZE METAL GLAZE CARBON CARBON	180 180 180 10K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/4W 1/4W	
ν υ 401	<[C>	LC TRAISEC US				R320 R321 R322 R328	1-216-065-00 1-216-051-00 1-216-311-00	METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 1.2K 6.8	5% 5% 5% 5%	1/8W 1/10W 1/10W 1/10W	
10301 10302 10303 10331 10332	1-236-062-11 1-415-613-11 <[C> 8-759-517-43 8-759-980-60 8-759-140-53 8-759-521-22 8-759-505-39 <coil< td=""><td>IC TDA4580-V7 IC TDA8442N3 IC UPD4053BC IC TDA4650/V4 IC TDA4660V2</td><td></td><td></td><td></td><td>R329 R330 R331 R332 R333</td><td>1-216-311-00 1-216-311-00 1-216-001-00 1-216-184-00 1-216-121-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>6.8 10 270 1M</td><td>5% 5%% 5%% 5%% 5%% 5%% 5%% 5%% 5%% 5%%</td><td>1/10W 1/10W 1/10W 1/8W 1/10W</td><td></td></coil<>	IC TDA4580-V7 IC TDA8442N3 IC UPD4053BC IC TDA4650/V4 IC TDA4660V2				R329 R330 R331 R332 R333	1-216-311-00 1-216-311-00 1-216-001-00 1-216-184-00 1-216-121-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	6.8 10 270 1M	5% 5%% 5%% 5%% 5%% 5%% 5%% 5%% 5%% 5%%	1/10W 1/10W 1/10W 1/8W 1/10W	
	<011	L>				R334	1-216-073-00	METAL GLAZE	10K		1/10₩	
L301 L302 L303 L331 L336	1-410-868-11 1-410-868-11 1-408-406-00 1-404-554-11	INDUCTOR INDUCTOR INDUCTOR COIL COIL	4.7UH 4.7UH 5.6UH			R336 R337 R338 R339	1-247-852-11 1-216-061-00 1-216-184-00 1-216-001-00 1-216-033-00	METAL GLAZE METAL GLAZE	7.5K 3.3K 270 10 220	5% 5% 5% 5%	1/4W 1/10W 1/8W 1/10W 1/10W	
L338 L1301 L1302	<pre></pre>	INDUCTOR INDUCTOR INDUCTOR	10UH 220UH 68UH			R341 R342 R344 R346 R347	1-216-031-00 1-216-041-00 1-216-089-00 1-216-202-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	180 470 47K 1.5K 10K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/8W 1/10W	
	<tra< td=""><td>NSISTOR></td><td></td><td></td><td></td><td>R348</td><td>1-216-089-00</td><td>METAL GLAZE</td><td>47K</td><td>5%</td><td>1/10W</td><td></td></tra<>	NSISTOR>				R348	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
Q301 Q303 Q305 Q306	8-729-120-28 8-729-120-28 8-729-901-06 8-729-119-78	TRANSISTOR 2S TRANSISTOR DT TRANSISTOR DT TRANSISTOR 2S	C1623-L5 C1623-L5 A144EK C2785-HF	SL6 SL6		R350 R351 R354	1-216-045-00 1-216-045-00 1-216-033-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE	680 680 220 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
Q311 Q312 Q313 Q316 Q330	8-729-120-28 8-729-120-28 8-729-120-28 8-729-120-28 8-729-216-22	TRANSISTUR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C1623-L5 C1623-L5 C1623-L5 C1623-L5	5L6 5L6 5L6 5L6		R356 R358 R359 R360	1-216-061-00 1-216-069-00 1-216-033-00 1-216-089-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE	3.3K 6.8K 220 47K 47K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
Q331	8-729-901-00	TRANSISTOR DT	C124EK			R361 R363	1-216-057-00 1-216-055-00	METAL GLAZE METAL GLAZE	2.2K 1.8K	5% 5%	1/10W 1/10W	
Q332 Q333 Q334 Q335 Q381	8-729-216-22 8-729-216-22 8-729-120-28 8-729-120-28	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR DT	A1162-G A1162-G C1623-L5 C1623-L5	5L6 5L6		R364 R365 R366	1-216-059-00 1-216-047-00 1-216-059-00	METAL GLAZE METAL GLAZE METAL GLAZE	2.7K 820 2.7K		1/10W 1/10W 1/10W	
Q382 Q1301 Q1306		TRANSISTOR 2S	C1623-L5 C124EK	5L6		R367 R370 R372 R376 R377	1-216-033-00 1-216-033-00 1-216-023-00 1-249-429-11 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE CARBON METAL GLAZE	220 220 82 10K 330	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/4W 1/10W	
	/DEC	ISTOR>				R378 R379	1-216-097-00	METAL GLAZE	100K	5%	1/10W	
JR385 JR390 R301	1-216-206-00 1-216-295-00	METAL GLAZE METAL GLAZE	2.2K 5	5% 1/8W 5% 1/10W		R380 R381 R382	1-216-089-00 1-216-071-00 1-216-093-00 1-216-107-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47K 8.2K 68K 270K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
R302 R303	1-249-409-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON	220 220 220	5% 1/8W 5% 1/10W 5% 1/4W 5% 1/4W 5% 1/4W		R383 R384	1-216-115-00 1-216-029-00	METAL GLAZE METAL GLAZE	560K 150	5% 5%	1/10W 1/10W	
R304 R305 R307	1-249-409-11 1-216-057-00 1-216-097-00	CARBON METAL GLAZE METAL GLAZE	220 2.2K 100K	5% 1/4W 5% 1/10W 5% 1/10W		R385 R387 R388	1-216-085-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE	33K 1K 1K	5% 5% 5% 5% 5%	1/10₩ 1/10₩ 1/10₩	
R308 R309	1-216-296-00 1-216-025-00	METAL GLAZE METAL GLAZE	100	3% 1/8W 3% 1/10W		R389 R390		METAL GLAZE	150K 220	5% 5% 5% 5%	1/10W 1/10W	
R310 R311 R312	1-216-025-00 1-216-025-00		100 5	% 1/10W % 1/10W		R392 R393 R394	1-216-021-00 1-216-021-00 1-216-021-00	METAL GLAZE METAL GLAZE METAL GLAZE	68 68 68	5% 5% 5%	1/10W 1/10W 1/10W	
1177	1-249-409-11	CARBON	220 5	1/4W		R395	1-216-214-00	METAL GLAZE	4.7K	5 %	1/8W	



REF.NO	D. PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
R396 R398 R401 R402 R403	1-216-041-00 1-216-081-00 1-216-053-00 1-216-051-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470 22K 1.5K 1.2K 100	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W 1/10W 1/10W		C109 C111 C115 C127 C128	1-163-133-00 1-124-925-11 1-124-925-11 1-124-122-11 1-124-910-11	FIFCT	2 2MF	5% 20% 20% 20% 20%	50V 50V 50V 50V 50V
R404 R405 R406 R407 R410	1-216-059-00 1-216-065-00 1-216-061-00 1-216-047-00 1-216-184-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.7K 4.7K 3.3K 820 270	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/8W		C129 C138 C171 C172 C177	1-124-910-11 1-136-165-00 1-163-005-11 1-163-005-11 1-102-074-00	CERAMIC CHIP	47MF 0.1MF 470PF 470PF 0.001MF	20% 5% 10% 10% 10%	50V 50V 50V 50V 50V
R1308	1 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	10 330 0	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W			1-101-004-00 <1C> 8-759-979-62		0.01MF		50 V
								<c01< td=""><td>L></td><td></td><td></td><td></td></c01<>	L>			
RV331	<var 1 1-238-012-11 <cry< td=""><td>RES, ADJ, CAF</td><td>r> RBON 1K</td><td></td><td></td><td></td><td>L101 L102</td><td>1-410-683-31 1-408-225-00 1-408-413-00 1-408-397-00</td><td>INDUCTOR INDUCTOR</td><td>560UH 3.3UH 22UH 1UH</td><td></td><td></td></cry<></var 	RES, ADJ, CAF	r> RBON 1K				L101 L102	1-410-683-31 1-408-225-00 1-408-413-00 1-408-397-00	INDUCTOR INDUCTOR	560UH 3.3UH 22UH 1UH		
X331 X332	1-567-307-11		CRYSTAL CRYSTAL					<tra< td=""><td>NSISTOR></td><td></td><td></td><td></td></tra<>	NSISTOR>			
	*1-638-743-11	*********			******	******	Q113 Q114 Q115 Q116 Q125	8-729-120-28 8-729-120-28 8-729-120-28 8-729-120-28 8-729-900-89	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC1623-L5L6 SC1623-L5L6 SC1623-L5L6		
	*4-341-752-01	EYELET					Q126 Q181	8-729-901-06 8-729-120-28				
		NECTOR>						<res< td=""><td>ISTOR></td><td></td><td></td><td></td></res<>	ISTOR>			
F61 F62	*1-580-690-11 *1-580-690-11	PIN, CONNECTO	OR (PC OR (PC	BOARD)) 4P) 4P		JR253 JR255	1-216-295-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 0 5%	1/10W 1/8W 1/8W 1/8W	
F1601	1 1-576-231-21 1-533-230-11	FUSE (H.B.C.) HOLDER, FUSE;	4A/25 F1601	50 V			JR257	1-216-296-00 1-216-296-00	METAL GLAZE	0 5%	1/8W 1/8W	
\$1701	<swi № 1-571-433-12</swi 	TCH>	(AC PO	WER)			JR258 R101 R105 R107	1-216-296-00 1-216-025-00 1-216-079-00 1-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 100 5% 18K 5% 22K 5%	1/8W 1/10W 1/10W 1/10W	
****	************** *A-1632-054-A		PLETE	****	******	******	R108 R110 R111 R116 R118	1-216-079-00 1-249-429-11 1-216-057-00 1-216-023-00 1-216-085-00	METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE	18K 5% 10K 5% 2.2K 5% 82 5% 33K 5%	1/10V 1/4W 1/10V 1/10V 1/10V	
A11	<00N *1-565-393-11	INECTOR>	OARD TO) BOAR)	D		R128 R129 R130 R157	1-216-027-00 1-216-057-00 1-216-057-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	120 5% 2.2K 5% 2.2K 5% 1K 5% 220 5%	1/10V 1/10V 1/10V 1/10V	
A12 A13	*1-565-393-11 *1-565-503-11	CONNECTOR, BO	DARD TO	BOAR	D		R158	1-249-409-11	CARBON		1/4W 1/4W	
C101 C102	<cap 1-126-233-11 1-126-103-11</cap 	ACITOR> ELECT ELECT	22MF 470MF			50V 16V	R161 R162 R163 R164	1-216-089-00 1-216-095-00 1-216-095-00 1-216-075-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 5% 47K 5% 82K 5% 82K 5% 12K 5%	1/10 1/10 1/10 1/10 1/10	
C104 C106 C108	1-124-910-11 1-126-233-11 1-136-165-00	ELECT ELECT FILM	47MF 22MF 0.1MF		20% 20%	50V 50V 50V	R165 R167 R168 R169	1-216-075-00 1-216-059-00 1-216-089-00 1-216-059-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	12K 5% 2.7K 5% 47K 5% 2.7K 5%	1/100 1/100 1/100 1/100	



REF.NO	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK																																																																																																																																																																																																																																																																																																																																																															
R181 R182	1-216-049-00 1-216-065-00	METAL GLAZE	1K 5% 4.7K 5% 10K 5% 47 5% 47 5%	1/10W 1/10W		J701	1-526-990-11	SOCKET, PICT	URE TUI	BE																																																																																																																																																																																																																																																																																																																																																																	
R193 R194 R195	1-216-073-00 1-216-017-00 1-216-017-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 5% 47 5%	1/10W 1/10W			<c01< td=""><td>iL></td><td></td><td></td><td></td><td></td></c01<>	iL>																																																																																																																																																																																																																																																																																																																																																																			
R196	1-216-113-00			1/10W 1/10W		L704	1-408-415-00	INDUCTOR	33UI	ł																																																																																																																																																																																																																																																																																																																																																																	
	<tun< td=""><td>FR></td><td></td><td></td><td></td><td></td><td><tr <="" td=""><td>ANSISTOR></td><td></td><td></td><td></td><td></td></tr><tr><td>TU101</td><td><u>А</u>1-465-301-11</td><td>TUNER, ET (U</td><td>V-816(PLL))</td><td></td><td></td><td>Q702 Q703</td><td>8-729-119-78 8-729-906-70</td><td>TRANSISTOR B</td><td>SC2785- F871</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>BLOCK></td><td></td><td></td><td></td><td>Q704 Q705 Q706</td><td>8-729-200-17 8-729-119-78 8-729-906-70</td><td>TRANSISTOR 2</td><td>SC2785-</td><td>-O -HFE</td><td></td><td></td></tr><tr><td>VIF10</td><td>1 1-466-154-11</td><td></td><td>G-389S)</td><td></td><td></td><td>Q707</td><td></td><td>TRANSISTOR B</td><td></td><td>-0</td><td></td><td></td></tr><tr><td></td><td>*********</td><td></td><td></td><td></td><td></td><td>! 0708</td><td>8-729-119-78 8-729-906-70</td><td>TRANSISTOR 2 TRANSISTOR B</td><td>SC2785- F871</td><td>HFE</td><td></td><td></td></tr><tr><td></td><td>*A-1638-018-A</td><td>C BOARD, COM</td><td>PLETE *****</td><td></td><td></td><td></td><td>8-729-200-17</td><td>TRANSISTOR 2</td><td>241031-</td><td>·U</td><td></td><td></td></tr><tr><td></td><td>*4-379-160-01</td><td>COVER (REAR</td><td>LID), CV</td><td></td><td></td><td>D704</td><td></td><td>SISTOR></td><td></td><td></td><td></td><td>_</td></tr><tr><td></td><td>*4-379-167-01</td><td>CUVER (MAIN)</td><td>, (1</td><td></td><td></td><td>R704 R705 R706</td><td>1-216-486-00 1-202-824-00 1-249-409-11</td><td>SOLID</td><td>8.2K 3.3K 220</td><td>10%</td><td>3W 1/2W 1/4W</td><td>F</td></tr><tr><td>C71</td><td></td><td>NECTOR></td><td>00.00</td><td></td><td></td><td>R707 R708</td><td>1-247-822-11 1-249-401-11</td><td>CARBON</td><td>430 47</td><td>5% 5% 5%</td><td>1/4W 1/4W</td><td></td></tr><tr><td>C71 C72 C81</td><td>*1-506-371-00 *1-568-881-51 *1-568-878-51</td><td>PIN. CONNECT</td><td>OR 6P OR 3P</td><td></td><td></td><td>R709 R710</td><td>1-202-844-00 1-215-469-00</td><td>SOLID METAL</td><td>330K 100K</td><td>10%</td><td>1/2W 1/4W</td><td></td></tr><tr><td>C82</td><td>*1-568-878-51 *1-508-765-00</td><td>PIN, CONNECT</td><td>OR (5MM PIT</td><td>'CH) 3P</td><td></td><td>R711 R712</td><td>1-249-426-11 1-249-417-11</td><td>CARBON CARBON</td><td>100K 5.6K 1K 160K</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></tr><tr><td></td><td><cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td>R713</td><td>1-215-474-00 1-216-486-00</td><td></td><td>160K 8.2K</td><td>1% 5%</td><td>1/4W 3W</td><td>F</td></cap<></td></tr><tr><td>C703 C704</td><td>1-102-980-00 1-102-116-00</td><td>CERAMIC</td><td>270PF 680PF</td><td>5% 10%</td><td>50V 50V</td><td>R715 R716</td><td>1-202-824-00 1-249-409-11</td><td>SOLID CARBON</td><td>3.3K 220</td><td>10% 5% 5%</td><td>1/2W 1/4W</td><td>Ì</td></tr><tr><td>C705 C706 C707</td><td>1-102-976-00 1-102-116-00 1-162-116-00</td><td>CERAMIC CERAMIC CERAMIC</td><td>180PF 680PF 680PF</td><td>5% 10% 10%</td><td>50V 50V 2KV</td><td>R717 R718</td><td>1-249-415-11 1-202-814-11</td><td>CARBON SOLID</td><td>680 33K</td><td>5% 10%</td><td>1/4W 1/2W</td><td></td></tr><tr><td>C708 C709</td><td>1-162-114-00</td><td>CERAMIC</td><td>0.0047MF</td><td></td><td>2KV</td><td>R719 R720</td><td>1-249-401-11 1-249-423-11</td><td>CARBON</td><td>47 3.3K</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></tr><tr><td>C710 C711</td><td>1-102-116-00 1-123-947-00 1-101-880-00</td><td>CERAMIC ELECT CERAMIC</td><td>680PF 10MF 47PF</td><td>10% 20% 5%</td><td>50V 250V 50V</td><td>R721 R722 R723</td><td>1-202-842-11 1-202-848-00 1-249-417-11</td><td>SOLID</td><td>220K 680K 1K</td><td>10% 10% 5%</td><td>1/2W 1/2W 1/4W</td><td></td></tr><tr><td>C712</td><td>1-102-980-00</td><td>CERAMIC</td><td>270PF</td><td>5% 5%</td><td>50V</td><td>R724</td><td>1-202-846-00</td><td>SOLID</td><td>470K</td><td>10%</td><td>1/2W</td><td></td></tr><tr><td>C714 C716 C717</td><td>1-124-360-00 1-162-622-11 1-102-114-00</td><td>CERAMIC CERAMIC</td><td>1000MF 330PF 470PF</td><td>20% 10% 10%</td><td>16V 400V 50V</td><td>R725 R726 R727</td><td>1-202-838-00 1-202-824-00 1-249-409-11</td><td>SOLID SOLID CARBON</td><td>100K 3.3K 220</td><td>10%</td><td>1/2W 1/2W 1/4W</td><td></td></tr><tr><td>C718 C719</td><td>1-102-114-00 1-102-114-00</td><td>CERAMIC CERAMIC</td><td>470PF 470PF</td><td>10% 10%</td><td>50V 50V</td><td>R728</td><td>1-216-347-11</td><td>METAL OXIDE</td><td>0.68</td><td>5% 5%</td><td>1W</td><td>F</td></tr><tr><td></td><td><d10< td=""><td>DE></td><td></td><td></td><td></td><td>R729 R730 R731</td><td>1-249-416-11 1-249-401-11 1-249-423-11</td><td>CARBON CARBON CARBON</td><td>820 47 3.3K</td><td>5% 5% 5% 5%</td><td>1/4W 1/4W 1/4W</td><td></td></d10<></td></tr><tr><td>D701 D702</td><td>8-719-110-14</td><td>DIODE RD9.1E</td><td></td><td></td><td></td><td>R732 R733</td><td>1-249-415-11 1-249-415-11</td><td>CARBON CARBON</td><td>680 680</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></tr><tr><td>D703 D704</td><td>8-719-911-19 8-719-911-19 8-719-911-19</td><td>DIODE 1SS119 DIODE 1SS119 DIODE 1SS119</td><td></td><td></td><td></td><td>R734 R735</td><td>1-249-405-11 1-215-493-00</td><td>CARBON METAL</td><td>100 1M</td><td>5% 1%</td><td>1/4W 1/4W</td><td></td></tr><tr><td>D705 D706</td><td>8-719-911-19</td><td>DIODE 1SS119</td><td></td><td></td><td></td><td>R736 R737</td><td>1-216-486-00 1-215-483-00</td><td>METAL OXIDE</td><td>8.2K 390K</td><td>1% 5% 1%</td><td>3W 1/4W</td><td>F</td></tr><tr><td>D707 D708</td><td>8-719-911-19 8-719-911-19 8-719-911-19</td><td>DIODE 1SS119 DIODE 1SS119 DIODE 1SS119</td><td></td><td></td><td></td><td>R739</td><td>1-249-417-11</td><td>CARBON</td><td>1K</td><td>5%</td><td>1/4W</td><td></td></tr><tr><td>D709 D710</td><td>8-719-911-19 8-719-911-19</td><td>DIODE 188119 DIODE 188119</td><td></td><td></td><td></td><td>nuges</td><td></td><td>IABLE RESISTOR</td><td></td><td>ın o -</td><td>v</td><td></td></tr><tr><td>D711 D713</td><td>8-719-300-33 8-719-911-19</td><td>DIODE RU-3AM DIODE 1SS119</td><td></td><td></td><td></td><td>RV702</td><td>1-230-641-11 1-230-619-11 1-237-749-11</td><td>RES, ADJ, MET RES, ADJ, MET RES, ADJ, CAR</td><td>AL GLAZ</td><td>ZE 110</td><td>m M</td><td></td></tr><tr><td></td><td><jac< td=""><td></td><td></td><td></td><td></td><td>RV704</td><td>1-237-749-11</td><td>RES, ADJ, CAR</td><td>BON 220</td><td>00</td><td></td><td></td></jac<></td></tr><tr><td></td><td>\JAC</td><td>n/</td><td></td><td></td><td></td><td>, ******* !</td><td>*********</td><td>*********</td><td>*****</td><td>****</td><td>******</td><td>*******</td></tr></td></tun<>	FR>					<tr <="" td=""><td>ANSISTOR></td><td></td><td></td><td></td><td></td></tr> <tr><td>TU101</td><td><u>А</u>1-465-301-11</td><td>TUNER, ET (U</td><td>V-816(PLL))</td><td></td><td></td><td>Q702 Q703</td><td>8-729-119-78 8-729-906-70</td><td>TRANSISTOR B</td><td>SC2785- F871</td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>BLOCK></td><td></td><td></td><td></td><td>Q704 Q705 Q706</td><td>8-729-200-17 8-729-119-78 8-729-906-70</td><td>TRANSISTOR 2</td><td>SC2785-</td><td>-O -HFE</td><td></td><td></td></tr> <tr><td>VIF10</td><td>1 1-466-154-11</td><td></td><td>G-389S)</td><td></td><td></td><td>Q707</td><td></td><td>TRANSISTOR B</td><td></td><td>-0</td><td></td><td></td></tr> <tr><td></td><td>*********</td><td></td><td></td><td></td><td></td><td>! 0708</td><td>8-729-119-78 8-729-906-70</td><td>TRANSISTOR 2 TRANSISTOR B</td><td>SC2785- F871</td><td>HFE</td><td></td><td></td></tr> <tr><td></td><td>*A-1638-018-A</td><td>C BOARD, COM</td><td>PLETE *****</td><td></td><td></td><td></td><td>8-729-200-17</td><td>TRANSISTOR 2</td><td>241031-</td><td>·U</td><td></td><td></td></tr> <tr><td></td><td>*4-379-160-01</td><td>COVER (REAR</td><td>LID), CV</td><td></td><td></td><td>D704</td><td></td><td>SISTOR></td><td></td><td></td><td></td><td>_</td></tr> <tr><td></td><td>*4-379-167-01</td><td>CUVER (MAIN)</td><td>, (1</td><td></td><td></td><td>R704 R705 R706</td><td>1-216-486-00 1-202-824-00 1-249-409-11</td><td>SOLID</td><td>8.2K 3.3K 220</td><td>10%</td><td>3W 1/2W 1/4W</td><td>F</td></tr> <tr><td>C71</td><td></td><td>NECTOR></td><td>00.00</td><td></td><td></td><td>R707 R708</td><td>1-247-822-11 1-249-401-11</td><td>CARBON</td><td>430 47</td><td>5% 5% 5%</td><td>1/4W 1/4W</td><td></td></tr> <tr><td>C71 C72 C81</td><td>*1-506-371-00 *1-568-881-51 *1-568-878-51</td><td>PIN. CONNECT</td><td>OR 6P OR 3P</td><td></td><td></td><td>R709 R710</td><td>1-202-844-00 1-215-469-00</td><td>SOLID METAL</td><td>330K 100K</td><td>10%</td><td>1/2W 1/4W</td><td></td></tr> <tr><td>C82</td><td>*1-568-878-51 *1-508-765-00</td><td>PIN, CONNECT</td><td>OR (5MM PIT</td><td>'CH) 3P</td><td></td><td>R711 R712</td><td>1-249-426-11 1-249-417-11</td><td>CARBON CARBON</td><td>100K 5.6K 1K 160K</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></tr> <tr><td></td><td><cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td>R713</td><td>1-215-474-00 1-216-486-00</td><td></td><td>160K 8.2K</td><td>1% 5%</td><td>1/4W 3W</td><td>F</td></cap<></td></tr> <tr><td>C703 C704</td><td>1-102-980-00 1-102-116-00</td><td>CERAMIC</td><td>270PF 680PF</td><td>5% 10%</td><td>50V 50V</td><td>R715 R716</td><td>1-202-824-00 1-249-409-11</td><td>SOLID CARBON</td><td>3.3K 220</td><td>10% 5% 5%</td><td>1/2W 1/4W</td><td>Ì</td></tr> <tr><td>C705 C706 C707</td><td>1-102-976-00 1-102-116-00 1-162-116-00</td><td>CERAMIC CERAMIC CERAMIC</td><td>180PF 680PF 680PF</td><td>5% 10% 10%</td><td>50V 50V 2KV</td><td>R717 R718</td><td>1-249-415-11 1-202-814-11</td><td>CARBON SOLID</td><td>680 33K</td><td>5% 10%</td><td>1/4W 1/2W</td><td></td></tr> <tr><td>C708 C709</td><td>1-162-114-00</td><td>CERAMIC</td><td>0.0047MF</td><td></td><td>2KV</td><td>R719 R720</td><td>1-249-401-11 1-249-423-11</td><td>CARBON</td><td>47 3.3K</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></tr> <tr><td>C710 C711</td><td>1-102-116-00 1-123-947-00 1-101-880-00</td><td>CERAMIC ELECT CERAMIC</td><td>680PF 10MF 47PF</td><td>10% 20% 5%</td><td>50V 250V 50V</td><td>R721 R722 R723</td><td>1-202-842-11 1-202-848-00 1-249-417-11</td><td>SOLID</td><td>220K 680K 1K</td><td>10% 10% 5%</td><td>1/2W 1/2W 1/4W</td><td></td></tr> <tr><td>C712</td><td>1-102-980-00</td><td>CERAMIC</td><td>270PF</td><td>5% 5%</td><td>50V</td><td>R724</td><td>1-202-846-00</td><td>SOLID</td><td>470K</td><td>10%</td><td>1/2W</td><td></td></tr> <tr><td>C714 C716 C717</td><td>1-124-360-00 1-162-622-11 1-102-114-00</td><td>CERAMIC CERAMIC</td><td>1000MF 330PF 470PF</td><td>20% 10% 10%</td><td>16V 400V 50V</td><td>R725 R726 R727</td><td>1-202-838-00 1-202-824-00 1-249-409-11</td><td>SOLID SOLID CARBON</td><td>100K 3.3K 220</td><td>10%</td><td>1/2W 1/2W 1/4W</td><td></td></tr> <tr><td>C718 C719</td><td>1-102-114-00 1-102-114-00</td><td>CERAMIC CERAMIC</td><td>470PF 470PF</td><td>10% 10%</td><td>50V 50V</td><td>R728</td><td>1-216-347-11</td><td>METAL OXIDE</td><td>0.68</td><td>5% 5%</td><td>1W</td><td>F</td></tr> <tr><td></td><td><d10< td=""><td>DE></td><td></td><td></td><td></td><td>R729 R730 R731</td><td>1-249-416-11 1-249-401-11 1-249-423-11</td><td>CARBON CARBON CARBON</td><td>820 47 3.3K</td><td>5% 5% 5% 5%</td><td>1/4W 1/4W 1/4W</td><td></td></d10<></td></tr> <tr><td>D701 D702</td><td>8-719-110-14</td><td>DIODE RD9.1E</td><td></td><td></td><td></td><td>R732 R733</td><td>1-249-415-11 1-249-415-11</td><td>CARBON CARBON</td><td>680 680</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></tr> <tr><td>D703 D704</td><td>8-719-911-19 8-719-911-19 8-719-911-19</td><td>DIODE 1SS119 DIODE 1SS119 DIODE 1SS119</td><td></td><td></td><td></td><td>R734 R735</td><td>1-249-405-11 1-215-493-00</td><td>CARBON METAL</td><td>100 1M</td><td>5% 1%</td><td>1/4W 1/4W</td><td></td></tr> <tr><td>D705 D706</td><td>8-719-911-19</td><td>DIODE 1SS119</td><td></td><td></td><td></td><td>R736 R737</td><td>1-216-486-00 1-215-483-00</td><td>METAL OXIDE</td><td>8.2K 390K</td><td>1% 5% 1%</td><td>3W 1/4W</td><td>F</td></tr> <tr><td>D707 D708</td><td>8-719-911-19 8-719-911-19 8-719-911-19</td><td>DIODE 1SS119 DIODE 1SS119 DIODE 1SS119</td><td></td><td></td><td></td><td>R739</td><td>1-249-417-11</td><td>CARBON</td><td>1K</td><td>5%</td><td>1/4W</td><td></td></tr> <tr><td>D709 D710</td><td>8-719-911-19 8-719-911-19</td><td>DIODE 188119 DIODE 188119</td><td></td><td></td><td></td><td>nuges</td><td></td><td>IABLE RESISTOR</td><td></td><td>ın o -</td><td>v</td><td></td></tr> <tr><td>D711 D713</td><td>8-719-300-33 8-719-911-19</td><td>DIODE RU-3AM DIODE 1SS119</td><td></td><td></td><td></td><td>RV702</td><td>1-230-641-11 1-230-619-11 1-237-749-11</td><td>RES, ADJ, MET RES, ADJ, MET RES, ADJ, CAR</td><td>AL GLAZ</td><td>ZE 110</td><td>m M</td><td></td></tr> <tr><td></td><td><jac< td=""><td></td><td></td><td></td><td></td><td>RV704</td><td>1-237-749-11</td><td>RES, ADJ, CAR</td><td>BON 220</td><td>00</td><td></td><td></td></jac<></td></tr> <tr><td></td><td>\JAC</td><td>n/</td><td></td><td></td><td></td><td>, ******* !</td><td>*********</td><td>*********</td><td>*****</td><td>****</td><td>******</td><td>*******</td></tr>	ANSISTOR>					TU101	<u>А</u> 1-465-301-11	TUNER, ET (U	V-816(PLL))			Q702 Q703	8-729-119-78 8-729-906-70	TRANSISTOR B	SC2785- F871						BLOCK>				Q704 Q705 Q706	8-729-200-17 8-729-119-78 8-729-906-70	TRANSISTOR 2	SC2785-	-O -HFE			VIF10	1 1-466-154-11		G-389S)			Q707		TRANSISTOR B		-0				*********					! 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CONNECT	OR 6P OR 3P			R709 R710	1-202-844-00 1-215-469-00	SOLID METAL	330K 100K	10%	1/2W 1/4W		C82	*1-568-878-51 *1-508-765-00	PIN, CONNECT	OR (5MM PIT	'CH) 3P		R711 R712	1-249-426-11 1-249-417-11	CARBON CARBON	100K 5.6K 1K 160K	5% 5%	1/4W 1/4W			<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td>R713</td><td>1-215-474-00 1-216-486-00</td><td></td><td>160K 8.2K</td><td>1% 5%</td><td>1/4W 3W</td><td>F</td></cap<>	ACITOR>				R713	1-215-474-00 1-216-486-00		160K 8.2K	1% 5%	1/4W 3W	F	C703 C704	1-102-980-00 1-102-116-00	CERAMIC	270PF 680PF	5% 10%	50V 50V	R715 R716	1-202-824-00 1-249-409-11	SOLID CARBON	3.3K 220	10% 5% 5%	1/2W 1/4W	Ì	C705 C706 C707	1-102-976-00 1-102-116-00 1-162-116-00	CERAMIC CERAMIC CERAMIC	180PF 680PF 680PF	5% 10% 10%	50V 50V 2KV	R717 R718	1-249-415-11 1-202-814-11	CARBON SOLID	680 33K	5% 10%	1/4W 1/2W		C708 C709	1-162-114-00	CERAMIC	0.0047MF		2KV	R719 R720	1-249-401-11 1-249-423-11	CARBON	47 3.3K	5% 5%	1/4W 1/4W		C710 C711	1-102-116-00 1-123-947-00 1-101-880-00	CERAMIC ELECT CERAMIC	680PF 10MF 47PF	10% 20% 5%	50V 250V 50V	R721 R722 R723	1-202-842-11 1-202-848-00 1-249-417-11	SOLID	220K 680K 1K	10% 10% 5%	1/2W 1/2W 1/4W		C712	1-102-980-00	CERAMIC	270PF	5% 5%	50V	R724	1-202-846-00	SOLID	470K	10%	1/2W		C714 C716 C717	1-124-360-00 1-162-622-11 1-102-114-00	CERAMIC CERAMIC	1000MF 330PF 470PF	20% 10% 10%	16V 400V 50V	R725 R726 R727	1-202-838-00 1-202-824-00 1-249-409-11	SOLID SOLID CARBON	100K 3.3K 220	10%	1/2W 1/2W 1/4W		C718 C719	1-102-114-00 1-102-114-00	CERAMIC CERAMIC	470PF 470PF	10% 10%	50V 50V	R728	1-216-347-11	METAL OXIDE	0.68	5% 5%	1W	F		<d10< td=""><td>DE></td><td></td><td></td><td></td><td>R729 R730 R731</td><td>1-249-416-11 1-249-401-11 1-249-423-11</td><td>CARBON CARBON CARBON</td><td>820 47 3.3K</td><td>5% 5% 5% 5%</td><td>1/4W 1/4W 1/4W</td><td></td></d10<>	DE>				R729 R730 R731	1-249-416-11 1-249-401-11 1-249-423-11	CARBON CARBON CARBON	820 47 3.3K	5% 5% 5% 5%	1/4W 1/4W 1/4W		D701 D702	8-719-110-14	DIODE RD9.1E				R732 R733	1-249-415-11 1-249-415-11	CARBON CARBON	680 680	5% 5%	1/4W 1/4W		D703 D704	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				R734 R735	1-249-405-11 1-215-493-00	CARBON METAL	100 1M	5% 1%	1/4W 1/4W		D705 D706	8-719-911-19	DIODE 1SS119				R736 R737	1-216-486-00 1-215-483-00	METAL OXIDE	8.2K 390K	1% 5% 1%	3W 1/4W	F	D707 D708	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				R739	1-249-417-11	CARBON	1K	5%	1/4W		D709 D710	8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119				nuges		IABLE RESISTOR		ın o -	v		D711 D713	8-719-300-33 8-719-911-19	DIODE RU-3AM DIODE 1SS119				RV702	1-230-641-11 1-230-619-11 1-237-749-11	RES, ADJ, MET RES, ADJ, MET RES, ADJ, CAR	AL GLAZ	ZE 110	m M			<jac< td=""><td></td><td></td><td></td><td></td><td>RV704</td><td>1-237-749-11</td><td>RES, ADJ, CAR</td><td>BON 220</td><td>00</td><td></td><td></td></jac<>					RV704	1-237-749-11	RES, ADJ, CAR	BON 220	00				\JAC	n/				, ******* !	*********	*********	*****	****	******	*******
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	<d10< td=""><td>DE></td><td></td><td></td><td></td><td>R729 R730 R731</td><td>1-249-416-11 1-249-401-11 1-249-423-11</td><td>CARBON CARBON CARBON</td><td>820 47 3.3K</td><td>5% 5% 5% 5%</td><td>1/4W 1/4W 1/4W</td><td></td></d10<>	DE>				R729 R730 R731	1-249-416-11 1-249-401-11 1-249-423-11	CARBON CARBON CARBON	820 47 3.3K	5% 5% 5% 5%	1/4W 1/4W 1/4W																																																																																																																																																																																																																																																																																																																																																																
D701 D702	8-719-110-14	DIODE RD9.1E				R732 R733	1-249-415-11 1-249-415-11	CARBON CARBON	680 680	5% 5%	1/4W 1/4W																																																																																																																																																																																																																																																																																																																																																																
D703 D704	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				R734 R735	1-249-405-11 1-215-493-00	CARBON METAL	100 1M	5% 1%	1/4W 1/4W																																																																																																																																																																																																																																																																																																																																																																
D705 D706	8-719-911-19	DIODE 1SS119				R736 R737	1-216-486-00 1-215-483-00	METAL OXIDE	8.2K 390K	1% 5% 1%	3W 1/4W	F																																																																																																																																																																																																																																																																																																																																																															
D707 D708	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				R739	1-249-417-11	CARBON	1K	5%	1/4W																																																																																																																																																																																																																																																																																																																																																																
D709 D710	8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119				nuges		IABLE RESISTOR		ın o -	v																																																																																																																																																																																																																																																																																																																																																																
D711 D713	8-719-300-33 8-719-911-19	DIODE RU-3AM DIODE 1SS119				RV702	1-230-641-11 1-230-619-11 1-237-749-11	RES, ADJ, MET RES, ADJ, MET RES, ADJ, CAR	AL GLAZ	ZE 110	m M																																																																																																																																																																																																																																																																																																																																																																
	<jac< td=""><td></td><td></td><td></td><td></td><td>RV704</td><td>1-237-749-11</td><td>RES, ADJ, CAR</td><td>BON 220</td><td>00</td><td></td><td></td></jac<>					RV704	1-237-749-11	RES, ADJ, CAR	BON 220	00																																																																																																																																																																																																																																																																																																																																																																	
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REF.NO	. PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION	Į.		REMARK
	*A-1642-067-A	D BOARD, COM	PLETE			C519	1-136-173-00	FILM	0.47MF	5%	50V
	4-200-001-11 4-201-023-01 *4-341-751-01 *4-341-752-01 *4-368-683-01	HOLDER, IC SPACER, INSU EYELET EYELET	LATING			C520 C521 C522 C523 C524	1-164-161-11 1-137-098-11 1-124-122-11 1-108-680-11 1-108-798-11	CERAMIC CHIF FILM ELECT MYLAR MYLAR		10% 10% 20% 10% 5%	50V 100V 50V 100V 50V
		ACITOR>				C525 C526	1-163-103-00	CERAMIC CHIE	27PF	5% 5%	50V 50V
C002	1-163-205-00	CERAMIC CHIP	0.001MF	5%	50V	C527 C531 C532	1-137-098-11 1-124-190-00 1-124-122-11	ELECT ELECT	0.1MF 680MF 100MF	10% 10% 20%	100V 25V 50V
C003 C004 C005 C008	1-124-925-11 1-124-120-11 1-124-903-11 1-163-117-00	CERAMIC CHIP	100PF	20% 20% 20% 5%	50V 16V 50V 50V	C533 C534 C536 C537	1-137-096-11 1-124-120-11 1-131-363-00 1-124-903-11	TANTALUM	0.068MF 220MF 4.7MF 1MF	10% 20% 10% 20%	100V 16V 16V 50V
C009 C010 C011	1-163-117-00 1-124-120-11	CERAMIC CHIP	220MF	5% 20%	50V 16V	C538	1-108-680-11	MYLAR	0.001MF	10%	100V
C013 C014	1-163-117-00 1-124-120-11 1-163-031-11 1-137-098-11 1-137-098-11	FILM FILM	0.1MF 0.1MF	10% 10%	50V 100V 100V	C592	1-163-129-00 1-163-009-11 1-124-122-11 1-163-129-00	CERAMIC CHIP	0.001MF 100MF	5% 10% 20%	50V 50V 50V 50V
C015 C016	1-124-902-00 1-163-141-00	CERAMIC CHIP		20% 5%	50V 50V	1	1-163-129-00 .1-161-964-61				250V
C017 C018 C019	1-137-098-11 1-163-127-00 1-137-094-11			10% 5% 10%	100V 50V 100V	C604 A	. 1-161-964-61 . 1-161-964-61 . 1-125-318-11	ELECT (BLOCK)	220MF	207	250V 250V 400V
C021 C023	1-163-117-00 1-163-117-00	CERAMIC CHIP CERAMIC CHIP	100PF	5% 5%	50V 50V	C605 C606	1-124-484-11 1-163-137-00	ELECT CERAMIC CHIP	220MF 680PF	20% 5%	35V 50V
C024 C027 C030	1-163-117-00 1-124-910-11 1-163-038-00	CERAMIC CHIP ELECT CERAMIC CHIP	100PF 47MF	5% 5% 5% 20%	50V 50V 25V	C607 C608	1-137-028-11 1-124-927-11 1-124-910-11 1-108-680-11 1-136-539-11	FILM ELECT	1MF 4.7MF	10% 20%	63V 50V
C031	1-163-081-00	CERAMIC CHIP			25V	C611 C612 C613	1-124-910-11 1-108-680-11 1-136-539-11	MYLAR FILM	0.001MF 0.0022MF	20% 10% 3%	50V 100V 2KV
C032 C033 C034 C251	1-163-081-00 1-163-181-00 1-124-907-11 1-124-903-11	CERAMIC CHIP CERAMIC CHIP ELECT ELECT	0.22MF 100PF 10MF 1MF	5% 20% 20%	25V 50V 50V 50V	i	1-102-030-00 1-128-142-11 1-102-030-00	CERAMIC ELECT	330PF 1500MF	10% 20%	500V 25V
C252	1-126-233-11	ELECT	22MF	20%	50 V	C617 C618	1-124-122-11 1-162-115-00	ELECT CERAMIC	330PF 100MF 330PF	10% 20% 10%	500V 50V 2KV
C253 C254 C255	1-163-009-11 1-137-098-11 1-124-636-00	CERAMIC CHIF FILM ELECT ELECT	0.001MF 0.1MF 3300MF	10% 10% 20%	50V 100V 25V	C619 C620	1-128-320-11 1-136-173-00	ELECT Film	2200MF 0.47MF	20% 5%	16V 50V
C261 C262	1-124-903-11 1-126-233-11			20%	50V 50V	C621 C622 C623	1-128-320-11 1-136-173-00 1-124-347-00 1-128-320-11 1-124-910-11	ELECT ELECT FIRCT	100MF 2200MF 47MF	20% 20% 20%	160V 16V 50V
C263 C264 C265	1-126-233-11 1-163-009-11 1-137-098-11 1-124-564-11	CERAMIC CHIP	0.001MF 0.1MF 4700MF	10%	50V 100V 25V	C624	1-124-122-11	ELECT	100MF	20%	50V
C270	1-137-035-11	FILM	0.47MF	10%	100V	C625 C626 C627	1-124-360-00 1-124-907-11 1-163-009-11	ELECT ELECT CERAMIC CHIP		20% 20% 10%	16V 50V 50V
C274 C501 C502	1-137-035-11 1-124-927-11 1-124-927-11	FILM ELECT ELECT	0.47MF 4.7MF 4.7MF	10% 20% 20%	100V 50V 50V	C631	1-124-927-11 1-163-009-11	ELECT CERAMIC CHIP	4.7MF 0.001MF	20% 10%	50V 50V
C503 C504	1-137-049-11 1-163-121-00	FILM CERAMIC CHIP	0.015MF 150PF	20% 10% 5%	400V 50V	C633 C801 C802	1-163-117-00 1-126-105-11 1-102-030-00	CERAMIC CHIP ELECT CERAMIC		5% 20% 10%	50V 35V 500V
C505 C506 C507	1-108-794-11 1-137-102-11	MYLAR FILM	0.0015MF 0.022MF	5% 10%	50V 250V	C804	1-123-948-00	ELECT	22MF	20%	250V
C508 C509	1-137-033-11 1-137-102-11 1-137-098-11	FILM FILM FILM	0.33MF 0.022MF 0.1MF	10% 10% 10%	100V 250V 100V	C805 C806 C807	1-162-114-00 1-137-098-11 1-106-395-00	CERAMIC FILM MYLAR	0.0047MF 0.1MF 0.15MF	10% 10%	2KV 100V 200V
C510 C511	1-161-959-00 1-108-686-11	CERAMIC MYLAR	22PF 0.0033MF	10% 10%	500V 100V	C810 C811	1-123-024-21 1-136-111-00	ELECT FILM	33MF 1MF	5%	160V 200V
C512 C513 C514	1-137-098-11 1-163-125-00 1-137-028-11	FILM CERAMIC CHIP FILM	0.1MF	10% 5% 10%	100V 50V 63V	C812 C813	1-124-634-11 1-102-212-00 1-161-731-51	ELECT CERAMIC CERAMIC	1MF 820PF	20% 10%	250V 500V
C515 C516	1-124-903-11	ELECT	1MF	20%	50V	C815	1-136-111-00 .1-136-549-11	FILM FILM	0.001MF 1MF 0.0106MF	10% 5% 3%	2KV 200V 1.4KV
C517 C518	1-108-680-11 1-124-252-00 1-124-902-00	MYLAR ELECT ELECT	0.001MF 0.33MF 0.47MF	10% 20% 20%	100V 50V 50V	C818 ♠. C819 ♠.	1-129-721-51 1-161-731-51	FILM CERAMIC	0.039MF 0.001MF	10% 10%	630V 2KV



REF.NO. PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C820 1-137-046-11 C821 A 1-162-116-51 C822 1-163-005-11 C823 1-137-043-11 C824 1-102-212-00	FILM 0.0082MF 10% CERAMIC 680PF 10% CERAMIC CHIP 470PF 10% FILM 0.0047MF 10% CERAMIC 820PF 10%	400V 2KV 50V 400V 500V	D602 8 D603 8 D604 8	3-719-510-63 8-719-300-33 8-719-911-55 8-719-911-55 8-719-911-55	DIODE D4SB6OL-F DIODE RU-3AM DIODE U05G DIODE U05G DIODE U05G	
C825 1-137-102-11 C1601本1-136-518-11 C1602本1-136-519-11 C1603本1-164-246-51 C1605本1-164-246-51	FILM 0.33MF 20% FILM 0.47MF 20% CERANIC 0.0022MF 20% CERANIC 0.0022MF 20%	250V 300V 300V 400V 400V	D607 8 D608 8 D609 8 D610 8	8-719-300-33 8-719-300-33 8-719-300-33 8-719-929-71 8-719-300-59	DIODE RU-3AM DIODE HZS33NB1	
C1607 ∆ 1-161-964-61	CERANIC 0.0047MF	250V	D612 8	8-719-300-59	DIODE ERD29-08J DIODE CTU-12S DIODE EGP20G	
<fil< td=""><td>TER></td><td></td><td>D614 8</td><td>8-719-979-85 8-719-120-78</td><td>DIODE EGP20G DIODE RD6.2ES-L3</td><td></td></fil<>	TER>		D614 8	8-719-979-85 8-719-120-78	DIODE EGP20G DIODE RD6.2ES-L3	
ČF501 1-567-888-11 <con< td=""><td>VIBRATOR, CERAMIC OSCILLATOR, CERAMIC INECTOR> PIN, CONNECTOR 6P PIN, CONNECTOR 7P PIN, CONNECTOR 7P</td><td></td><td>D618 8 D619 8 D620 8</td><td>8-719-109-89 8-719-929-71 8-719-800-76</td><td>DIODE 1SS119 DIODE RD5.6ES-B2 DIODE HZS33MB1 DIODE 1SS226</td><td></td></con<>	VIBRATOR, CERAMIC OSCILLATOR, CERAMIC INECTOR> PIN, CONNECTOR 6P PIN, CONNECTOR 7P PIN, CONNECTOR 7P		D618 8 D619 8 D620 8	8-719-109-89 8-719-929-71 8-719-800-76	DIODE 1SS119 DIODE RD5.6ES-B2 DIODE HZS33MB1 DIODE 1SS226	
D1 *1-568-881-51 D2 *1-568-882-51	PIN, CONNECTOR 6P PIN. CONNECTOR 7P		D621 8	3-719-929-71	DIODE HZS33NB1 DIODE 1SS119	
D11 *1-363-394-11 D12 *1-565-394-11 D18 *1-560-290-00	PIN, BOARD TO BOARD CONNECTOR PIN, BOARD TO BOARD CONNECTOR PLUG, CONNECTOR (2.5MM PITCH)		D623 8 D624 8 D630 8	8-719-911-19 8-719-911-19 8-719-110-39	DIODE 135119 DIODE 1SS119 DIODE 1SS119 DIODE RD15ES-B1 DIODE RU-3AM	
D22 *1-565-394-11 D31 *1-565-394-11 D32 *1-565-394-11	PIN, BOARD TO BOARD CONNECTOR PIN, BOARD TO BOARD CONNECTOR PIN, BOARD TO BOARD CONNECTOR PIN, BOARD TO BOARD CONNECTOR PIN, BOARD TO BOARD CONNECTOR		D802 8 D803 8 D804 8 D805 8	8-719-300-33 8-719-976-64 8-719-911-55 8-719-911-55	DIODE RU-3AM DIODE RGP02-17 DIODE UO5G DIODE UO5G	
D41 *1-566-367-11 D44 *1-568-881-51 D45 *1-568-881-51	PIN, CONNECTOR 6P				DIODE ERCO6-15S DIODE ERD28-08S	
D51 *1-566-367-11 D62 *1-565-395-11	CONNECTOR, HINGE (RECEPTACLE) PIN, CONNECTOR 3P			<10>		
D65 *1-508-765-00 D66 *1-508-786-00 D82 *1-508-765-00 D83 *1-508-786-00 D84 *1-580-798-11	PIN, CONNECTOR (5MM PITCH) 3P PIN, CONNECTOR (5MM PITCH) 2P PIN, CONNECTOR (5MM PITCH) 3P PIN, CONNECTOR (5MM PITCH) 2P CONNECTOR PIN (DY) 6P		IC001 8 IC002 8 IC003 8 IC005 8 IC251 8	8-759-047-60 8-759-000-47 8-759-945-58 8-759-748-56 8-759-988-94	IC SDA20560-A012 IC MC14051BCP IC RC4558P IC SDA2546 IC TDA2050	
	PIN, CONNECTOR (5MM PITCH) 3P		IC261 8	1-812 - 134-00 3-759-988-94	RIVET NYLON, 3.5; IC251 IC TDA2050	y*
<010			10501 8	1-812-134-00 3-759-970-73 3-759-944-57	RIVET NYLON, 3.5; IC261 IC TEA2028B	
D001 8-719-929-03 D002 8-719-929-03 D003 8-719-911-19 D005 8-719-109-89 D006 8-719-929-71	DIODE HZS6.8NB3 DIODE HZS6.8NB3 DIODE 1SS119 DIODE RD5.6ES-B2 DIODE HZS33NB1		IC601 8 IC604 8	8-759-988-95 8-759-510-52 8-759-929-62	IC TEA2260 IC TEA7605	
D007 8-719-982-08 D009 8-719-109-89	DIODE MTZJ-3.9B DIODE RD5.6ES-B2		1	<c011< td=""><td>L></td><td></td></c011<>	L>	
D010 8-719-120-78 D011 8-719-120-78 D012 8-719-911-19 D013 8-719-929-03	DIODE RD6.2ES-L3 DIODE RD6.2ES-L3 DIODE 1SS119		L601 1 L602 1 L603 1	-420-872-00 -410-396-41 -410-396-41	INDUCTOR 3.3UH COIL, AIR CORE FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR	
D271 8-719-910-36 D272 8-719-911-19 D501 8-719-911-19 D504 8-719-911-55	DIODE HZS6.8NB3 DIODE RD13ES-B2 DIODE 1SS119 DIODE 1SS119 DIODE UO5G		L605 1 L606 1 L607 1	-459-585-11 -412-529-11 -410-671-31	INDUCTOR 47UH COIL (WITH CORE) (DRUM TYPE) INDUCTOR 22UH INDUCTOR 47UH	
D506 8-719-800-76 D508 8-719-911-19	DIODE 1SS226 DIODE 1SS119		L803 1 L804 1	-459-104-00	COIL, WITH CORE INDUCTOR 4.7MMH	
D511 8-719-911-55 D512 8-719-911-55 D513 8-719-928-85	DIODE U05G DIODE U05G DIODE HZS4.7NB2		L806 1 L809 1	-459-115-00 -420-872-00	HLC COIL, DCC-H COIL, AIR CORE COIL (WITH CORE)	

REF.NO. PART NO. DESCRIPTION <transformer></transformer>	REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
		R012	1-216-073-00	METAL GLAZE	10K	5% 1/10W	
LF1601A 1-421-866-12		R013 R014 R015 R016 R017	1-216-073-00 1-216-085-00 1-216-061-00 1-216-085-00 1-216-748-11	METAL GLAZE METAL GLAZE METAL GLAZE	10K 33K 3.3K 33K 39K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
T801 1-437-090-00 HDT T802 ⚠ 1-439-416-51 TRANSFORMER ASSY, FLYBACK (UX-	1650)	KU19	1-216-095-00 1-216-025-00	METAL GLAZE	82K 100	5% 1/10W 5% 1/10W	
<1C LINK>		R020 R021 R022	1-216-025-00 1-216-065-00 1-216-065-00	METAL GLAZE	100 4.7K 4.7K	5% 1/10W 5% 1/10W 5% 1/10W	
PS601A 1-532-984-91 LINK, IC (ICP-N50) 2A PS602A 1-532-984-91 LINK, IC (ICP-N50) 2A PS603A 1-532-679-91 LINK, IC (ICP-N15) 0.6A PS604A 1-532-984-91 LINK, IC (ICP-N50) 2A		R028	1-216-073-00 1-216-073-00 1-216-182-00 1-216-025-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE		5% 1/10W 5% 1/10W 5% 1/8W 5% 1/10W 5% 1/10W	
<pre><transistor> Q001 8-729-901-01 TRANSISTOR DTC144EK</transistor></pre>		R029	1-216-073-00 1-216-073-00	METAL GLAZE	10K 10K	5% 1/10W 5% 1/10W	
Q002 8-729-901-01 TRANSISTOR DTC144EK Q003 8-729-216-22 TRANSISTOR 2SA1162-G Q004 8-729-216-22 TRANSISTOR 2SA1162-G		R031 R032 R033	1-216-081-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE	22K 10K 10K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
Q005 8-729-901-01 TRANSISTOR DTC144EK Q006 8-729-901-01 TRANSISTOR DTC144EK Q007 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q008 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q009 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q010 8-729-120-28 TRANSISTOR 2SC1623-L5L6		R034 R035 R036 R037	1-216-077-00 1-216-081-00 1-216-083-00 1-216-069-00	METAL GLAZE METAL GLAZE	15K 22K 27K 6.8K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
Q009 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q010 8-729-120-28 TRANSISTOR 2SC1623-L5L6		R038	1-216-060-00	METAL GLAZE			
Q261 8-729-120-28 TRANSISTOR 25C1623-L5L6 Q271 8-729-120-28 TRANSISTOR 25C1623-L5L6 Q502 8-729-216-22 TRANSISTOR 25A1162-G		R041 R042 R043	1-216-081-00 1-216-077-00 1-216-073-00 1-216-049-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE	22K 15K 10K 1K 470	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
Q506 8-729-140-96 TRANSISTOR 2SD774-34 Q506 8-729-140-97 TRANSISTOR 2SB734-34 Q507 8-729-216-22 TRANSISTOR 2SA1162-G Q598 8-729-216-22 TRANSISTOR 2SA120A-P		R044 R045 R046	1-216-097-00 1-216-061-00 1-216-095-00	METAL GLAZE	100K 3.3K 82K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
Q598 8-729-216-22 TRANSISTOR 2SA1162-G Q601 8-729-122-03 TRANSISTOR 2SA1220A-P Q602 8-729-209-02 TRANSISTOR 2SD1548-LB		R047 R048	1-216-073-00 1-216-073-00	METAL GLAZE	10K 10K	5% 1/10W 5% 1/10W	
Q603 8-729-209-02 TRANSISTOR 2SD1548-LB Q603 8-729-122-03 TRANSISTOR 2SA1220A-P Q604 8-729-216-22 TRANSISTOR 2SA1162-G Q605 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q606 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q607 8-729-920-92 TRANSISTOR 2SD2096-EF		R049 R050 R051 R052 R053	1-216-073-00 1-216-067-00 1-216-041-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE	10K 5.6K 470 1K 1K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
Q608 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q609 8-729-320-62 TRANSISTOR 2SD789-34		R054 R055 R056	1-216-049-00 1-216-037-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 330 10K	5% 1/10W 5% 1/10W 5% 1/10W	
Q801 8-729-120-28 TRANSISTOR 2SC1623-L5L6 Q804 8-729-304-50 TRANSISTOR 2SD1941-06 Q805 8-729-119-80 TRANSISTOR 2SC2688-LK		R057 R058	1-216-025-00 1-216-049-00	METAL GLAZE METAL GLAZE	100 1K	5% 1/10W 5% 1/10W	
<resistor></resistor>		R059 R060 R061	1-216-049-00 1-216-049-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 4.7K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
JR1 1-216-296-00 METAL GLAZE 0 5% 1/8W JR3 1-216-296-00 METAL GLAZE 0 5% 1/8W		R062 R063	1-216-049-00 1-216-049-00	METAL GLAZĒ METAL GLAZĒ	1K 1K	5% 1/10W 5% 1/10W	
JR4 1-216-295-00 METAL GLAZE 0 5% 1/10W JR7 1-216-296-00 METAL GLAZE 0 5% 1/8W R001 1-216-041-00 METAL GLAZE 470 5% 1/10W		R064 R065 R066	1-216-049-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 1K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/8W	
R002 1-216-041-00 METAL GLAZE 470 5% 1/10W		R067 R068	1-216-073-00 1-216-174-00	METAL GLAZE METAL GLAZE	10K 100	5% 1/10W 5% 1/8W	
R003 1-216-198-00 METAL GLAZE 1K 5% 1/8W R004 1-216-049-00 METAL GLAZE 1K 5% 1/10W R005 1-216-081-00 METAL GLAZE 2ZK 5% 1/10W R006 1-216-073-00 METAL GLAZE 1OK 5% 1/10W)	R069 R070 R071	1-216-174-00 1-216-198-00 1-216-198-00	METAL GLAZE METAL GLAZE METAL GLAZE	100 1K 1K	5% 1/8W 5% 1/8W 5% 1/8W	
R007 1-216-065-00 METAL GLAZE 4.7K 5% 1/10W R008 1-216-073-00 METAL GLAZE 10K 5% 1/10W		R072 R073	1-216-222-00 1-216-073-00	METAL GLAZE METAL GLAZE	10K 10K	1/8W 1/8W 1/8W 1/10W	
R009 1-216-073-00 METAL GLAZE 10K 5% 1/10W R010 1-216-041-00 METAL GLAZE 470 5% 1/10W	J	R075 R076	1-216-041-00 1-216-073-00	METAL GLAZE METAL GLAZE	470 5 10K 5	5% 1/10W 5% 1/10W	



REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARI
R078 R079 R080 R081 R083	1-216-198-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1 K 10 K 10 K 10 K 1 K	5% 5% 5% 5%	1/8W 1/10W 1/10W 1/10W 1/10W		R535 R536 R537	1-216-119-00 1-249-753-15 1-216-129-00 1-216-083-00 1-216-101-00	CARBON METAL GLAZE METAL GLAZE	820K 4.7M 2.2M 27K	5% 5% 5%	1/10W 1/4W 1/10W 1/10W	
R084 R085 R086 R087 R088	1-216-049-00 1-216-049-00 1-216-049-00 1-216-035-00 1-216-059-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 1K 270 2.7K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R538 R539 R540 R541 R542 R543	1-216-101-00 1-216-013-00 1-216-091-00 1-216-308-00 1-249-451-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE CARBON	150K 150K 33 56K 4.7	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/4W	
R093 R094 R095 R096 R098	1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 10K 10K 10K 1K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R544 R545 R546 R547 R548	1-247-745-11 1-216-748-11 1-216-083-00 1-216-067-00 1-216-350-11	CARBON	2.2 330 39K 27K 5.6K 1.2	5% 5% 5%	1/2W 1/10W 1/10W 1/10W 1/10W 1W F	7
R251 R252 R253 R254 R255	1-216-065-00 1-216-039-00 1-216-073-00 1-216-357-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE	4.7K 390 10K 4.7 10K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1W 1W 1/10W		R549 R550 R551 R552 R553	1-215-890-11 1-216-095-00 1-216-129-00 1-216-433-00 1-215-869-11	METAL OXIDE METAL GLAZE METAL GLAZE METAL OXIDE METAL OXIDE	82K 2.2M 1.2K 1K	55% %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1W 1W	
R256 R257 R258 R259 R261	1-216-115-00 1-216-077-00 1-215-869-11 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE	560K 15K 1K 4.7K 4.7K	5%	1/10W 1/10W 1W 1/10W 1/10W	F	R554 R555 R556 R557 R558 R559	1-216-037-00 1-216-129-00 1-216-025-00 1-216-065-00 1-216-113-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	330 2.2M 100 4.7K 470K 6.8K	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R262 R263 R264 R265 R266	1-216-039-00 1-216-073-00 1-216-357-00 1-216-073-00 1-216-115-00	METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE	390 10K 4.7 10K 560K		1/10W 1/10W 1W 1/10W 1/10W	F	R560 R591 R592 R593	1-216-069-00 1-216-037-00 1-216-047-00 1-216-049-00 1-216-053-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	6.8K 330 820 1K 1.5K 8.2K	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R267 R268 R269 R270 R271	1-216-077-00 1-215-869-11 1-216-065-00 1-216-073-00 1-216-045-00	METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE	15K 1K 4.7K 10K 680	5% 5% 5% 5%	1/10W 1W 1/10W 1/10W 1/10W		R594 R597 R598 R601 R603	1-216-071-00 1-216-041-00 1-215-900-11 1-216-353-00 1-215-906-11	METAL GLAZE METAL OXIDE METAL OXIDE METAL OXIDE	470 22K 2.2 15	5% 5% 5% 5% 5%	1/10W 1/10W 2W F 1W F 3W F	
R272 R273 R274 R500 R501	1-216-073-00 1-216-073-00 1-216-073-00 1-216-115-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 10K 10K 560K 470	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R604	1-216-025-00 1-216-081-00 1-216-051-00 1-216-065-00 1-216-488-11	METAL GLAZE	100	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 3W F	
R502 R503 R504 R505 R506	1-216-033-00 1-216-035-00 1-249-420-11 1-216-077-00 1-216-071-00	METAL GLAZE	220 270 1.8K 15K 8.2K	5% 5% 5% 5%	1/10W 1/10W 1/4W 1/10W 1/10W		j	1-216-007-00	METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE			1/10W 1/2W 1/10W 1/10W 1/10W	
R509 R510 R514 R515 R517	1-216-063-00 1-216-067-00 1-216-033-00 1-216-061-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.9K 5.6K 220 3.3K 10K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R614 R616 R617 R618 R619	1-205-758-11 1-216-099-00 1-216-037-00 1-216-431-11 1-216-073-00	WIREWOUND METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE	100 120K 330 560 10K	10% 5% 5% 5% 5%	10W F 1/10W 1/10W 1W F 1/10W	
R518 R519 R520 R521 R522	1-216-089-00 1-216-081-00 1-216-037-00 1-216-025-00 1-215-469-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL	47K 22K 330 100 100K	5% 5% 5% 1%	1/10W 1/10W 1/10W 1/10W 1/4W		R620 R621 R622 R623 R624	1-216-081-00 1-216-077-00 1-216-073-00 1-216-081-00 1-216-067-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 15K 10K 22K 5.6K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R523 R524 R525 R526 R527	1-216-049-00 1-216-057-00 1-216-049-00 1-249-409-11 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE CARBON METAL GLAZE	1K 2.2K 1K 220 15K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/4W 1/10W	F	R625 R626 R628 R629 R631	1-215-865-11 1-216-037-00 1-216-001-00 1-216-037-00 1-216-465-11	METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE	330 10 330 27K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 2W	
R528 R529 R530 R533	1-216-031-00 1-216-069-00 1-249-448-11 1-216-031-00	METAL GLAZE METAL GLAZE CARBON METAL GLAZE	180 6.8K 1.2 180	5% 5% 5%	1/10W 1/10W 1/4W 1/10W	F	R633 R634 R635	1-216-049-00 1-216-430-11 1-216-073-00	METAL GLAZE METAL OXIDE METAL GLAZE	1K 390 10K	5% 5% 5%	1/10W 1W F 1/10W	



REF.NO. PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
R636 1-216-073-00 R643 1-217-190-21 R651 1-216-025-00 R653 1-205-758-11 R802 1-249-443-11	METAL GLAZE WIREWOUND METAL GLAZE WIREWOUND CARBON	0.47	10% 10W 5% 1/4W	F	C14 C15 C16 C17 C18	1-124-927-11 1-124-927-11 1-163-141-00 1-163-141-00 1-163-141-00	CERAMIC CHIP	O. 001MF	20% 20% 5% 5% 5%	50V 50V 50V 50V 50V
R805 1-249-448-11 R806 1-216-093-00 R807 1-215-869-11 R809 1-202-821-11 R810 1-202-818-00	CARBON METAL GLAZE METAL OXIDE SOLID SOLID	1.8K	5% 1/4W 5% 1/10W 5% 1W 10% 1/2W 10% 1/2W		C26 C27 C28 C29 C32	1-163-038-00 1-163-117-00 1-163-117-00 1-163-117-00 1-163-038-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1MF 100PF 100PF 100PF	5% 5% 5%	25V 50V 50V 50V 25V
R811 1-215-863-11 R812 1-247-285-00 R815 1-215-884-11 R816 1-215-868-00 R817 1-216-049-00	METAL OXIDE CARBON METAL OXIDE METAL OXIDE METAL GLAZE	100 75K 47 680 1K		F F	c33	1-163-038-00				25 V
R820 1-249-403-11 R821 1-247-725-11 R822 1-217-778-11 R825 1-216-349-00 R826 1-216-097-00	CARBON CARBON FUSIBLE METAL OXIDE METAL GLAZE	68 10K 1K 1 100K		F F		*1-565-393-11 *1-565-393-11 <dio< td=""><td>CONNECTOR, BO</td><td></td><td></td><td></td></dio<>	CONNECTOR, BO			
R827 1-216-073-00	METAL GLAZE				D1	8-719-105-91	DIODE RD5.6M-	-B2		
R828 1-216-059-00 R829 1-216-051-00 R831 1-249-451-11 R1601A 1-246-513-75	METAL GLAZE CARBON	10K 2.7K 1.2K 2.2 47K	5% 1/10W 5% 1/10W 5% 1/4W 5% 1/4W		D4 D5 D6	8-719-104-34 8-719-400-18 8-719-104-34 8-719-400-18	DIODE MA152W			
R1602人1-244-945-91 R1603人1-217-328-11 R1604人1-246-513-75	WIREWOUND	1M 2.7 47K	5% 1/2W 10% 7W 5% 1/4W		D7 D9	8-719-105-52 8-719-106-17	DIODE RD3.6M- DIODE RD6.8M-	-B2 -B2		
R1605 A 1-218-265-91 R5501 1-216-073-00	METAL GLAZE METAL GLAZE	47K 8.2M 10K	5% 1W 5% 1/10W			<1C>				
R5503 1-216-308-00 R5504 1-216-121-00 R5505 1-216-001-00	METAL GLAZE	4.7 1M 10	5% 1/10W 5% 1/10W 5% 1/10W		IC1 IC2 IC3	8-759-039-18 8-759-045-54 8-759-510-49	IC SAA5246P/E	/M4A		
<vaf< td=""><td>HABLE RESISTOR</td><td>></td><td></td><td></td><td>1</td><td><c01< td=""><td>L></td><td></td><td></td><td>,</td></c01<></td></vaf<>	HABLE RESISTOR	>			1	<c01< td=""><td>L></td><td></td><td></td><td>,</td></c01<>	L>			,
RV502 1-238-016-11	RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, CAR	BON 10K	K		L1 L2 L3 L4	1-408-403-00 1-408-407-00 1-408-407-00 1-408-407-00	INDUCTOR INDUCTOR	3.3UH 6.8UH 6.8UH 6.8UH		
	ARK GAP>					<10	LINK>			
SG801 1-519-422-11	GAP, SPARK				PS1 A	1-532-679-91	LINK, IC (ICI	P-N15) 0.6A	\$8.45	Fritzer.
	ERMISTOR>	white make	un side	Something to the second		<tra< td=""><td>NSISTOR></td><td></td><td></td><td></td></tra<>	NSISTOR>			
THP601A 1-808-059-32					Q1 Q2	8-729-900-53 8-729-920-92				
*A-1645-022-A	V BOARD, COMP	LETE ****			Q3 Q4 Q5	8-729-120-28 8-729-120-28 8-729-807-87	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC1623-L5L6 SC1623-L5L6		
<cai< td=""><td>PACITOR></td><td></td><td></td><td></td><td>Q6 Q7</td><td>8-729-807-87 8-729-807-87</td><td></td><td>SB1295-UL6</td><td></td><td></td></cai<>	PACITOR>				Q6 Q7	8-729-807-87 8-729-807-87		SB1295-UL6		
C1 1-126-101-11 C2 1-163-038-00	CERAMIC CHIP		20%	16V 25V	Q8		TRANSISTOR 25	DC1043_F3F0		
C3 1-124-120-11 C4 1-163-077-00 C5 1-124-120-11	ELECT CERAMIC CHIP ELECT	220MF 0.1MF		16V 50V	IRO1		ISTOR>	0 E¥	1 /10	
C6 1-163-038-00 C10 1-163-038-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1MF 0.1MF	20%	25V 25V 25V 25V 25V	JR01 JR02 JR03 JR08 JR09	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 0 5% 0 5% 0 5%	1/100 1/100 1/100 1/100 1/100	
C13 1-163-038-00	CERAMIC CHIP	0.1MF		25V	JR11	1-216-295-00	METAL GLAZE	0 5%	1/10	



REF.NO	PART NO.	DESCRIPTION				REMARK	REF. NO. PART NO. DESCRIPTION REMARK
JR14 JR17 JR18 JR19 JR20	1-216-296-00 1-216-295-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0 0	5% 5% 5% 5%	1/8W 1/10W 1/8W 1/8W 1/8W		X1 1-579-266-31 CRYSTAL VIBRATOR X2 1-577-364-11 VIBRATOR, CERAMIC
JR21 JR23 JR24 JR25 JR26	1-216-296-00 1-216-295-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/8W 1/10W 1/8W 1/8W 1/8W		*1-638-744-11 H1 BOARD ************* <capacitor></capacitor>
JR201 JR204 JR207 JR208 JR211	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C1651 1-102-106-00 CERAMIC 100PF 10% 50V C1652 1-102-106-00 CERAMIC 100PF 10% 50V C1653 1-102-074-00 CERAMIC 0.001MF 10% 50V C1655 1-102-074-00 CERAMIC 0.001MF 10% 50V
JR213 JR219 JR220 JR223 R1	1-216-295-00 1-216-296-00 1-216-295-00 1-216-295-00 1-218-326-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0 470	5% 5% 5% 5%	1/10W 1/8W 1/10W 1/10W 1/2W		<pre><connector> H1-1 *1-568-881-51 PIN, CONNECTOR 6P H1-2 1-568-678-11 TERMINAL BLOCK, \$ 3P H1-4 *1-568-879-51 PIN, CONNECTOR 4P</connector></pre>
R3 R4 R5 R6 R7	1-216-049-00 1-216-025-00 1-216-047-00 1-216-001-00 1-216-083-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 100 820 10 27K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		H1-05 1-562-837-11 JACK H1-23 *1-568-879-51 PIN, CONNECTOR 4P H1-43 *1-564-512-11 PLUG, CONNECTOR 9P
R8 R9 R02 R10 R11	1-216-071-00 1-216-308-00 1-216-214-00 1-218-325-11 1-218-325-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	8.2K 4.7 4.7K 120 120	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/4W 1/4W		<pre></pre>
R12 R13 R14 R15 R16	1-218-325-11 1-216-025-00 1-216-001-00 1-216-013-00 1-216-013-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	120 100 10 33 33	5% 5% 5% 5%	1/4W 1/10W 1/10W 1/10W 1/10W		<pre></pre>
R17 R18 R19 R20 R21	1-216-013-00 1-216-025-00 1-216-025-00 1-216-041-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	33 100 100 470 470	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		**************************************
R22 R23 R24 R25 R26	1-216-168-00 1-216-214-00 1-216-055-00 1-216-065-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	56 4.7K 1.8K 4.7K 1K	5%	1/8W 1/8W 1/10W 1/10W 1/10W		*4-381-686-01 BRACKÉT (B), LIGHT GUIDE <diode> D1651 8-719-948-31 DIODE LD-201VR</diode>
R27 R28 R34 R35 R40	1-216-214-00 1-216-067-00 1-216-065-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 5.6K 4.7K 4.7K 4.7K	5% 5% 5% 5%	1/8W 1/10W 1/10W 1/10W 1/10W		*4-201-076-01 NOLDER, LED; D1651 D1652 8-719-948-31 D10DE LD-201VR
R41 R42 R44 R46 R47	1-216-065-00 1-216-049-00 1-216-295-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 1K 0 4.7K 4.7K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		<connector> H2-2</connector>
R49 R50	1-216-049-00 1-216-296-00	METAL GLAZE METAL GLAZE	1 K 0	5% 5%	1/10W 1/8W		<ic> IC1651 8-741-101-75 IC SBX1610-11</ic>
	<pre><variable resistor=""></variable></pre>						<resistor></resistor>
RV1	1-238-012-11	RES, ADJ, CAR	BON 1K				R1662 1-249-413-11 CARBON 470 5% 1/4W
	<cry:< td=""><td>STAL></td><td></td><td></td><td></td><td></td><td>***************************************</td></cry:<>	STAL>					***************************************

		DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	*A-1651-023-A	J1 BOARD, CO	MPLETE			C1429 C1430	1-163-029-11 1-163-003-11	CERAMIC CHIP CERAMIC CHIP	0.0047MF 330PF	10%	50V 50V
	*A-1651-023-A J1 BOARD, COMPLETE ***********************************						1-126-529-11 1-124-902-00 1-124-122-11 1-163-009-11	ELECT ELECT	0.47MF 0.47MF 100MF 0.001MF	20% 20% 20% 10%	50V 50V 50V 50V
C203 C205 C206 C207	1-124-925-11 1-124-927-11 1-124-925-11 1-124-927-11	ELECT .	2.2MF 4.7MF 2.2MF 4.7MF	207	50V 50V 50V 50V	C1437	1-163-009-11	CERAMIC CHIP	0.001MF	10% 10% 10%	50V 400V 400V
C213 C214 C217	1-126-233-11 1-137-045-11 1-137-045-11	ELECI	22MF	20% 10% 10%	50V 400V 400V	C1440 C1441 C1442	1-137-047-11 1-124-907-11 1-124-907-11 1-137-098-11	ELECT ELECT FILM	10MF 10MF 0.1MF	20% 20% 10%	50V 50V 100V
C218 C219 C220	1-137-102-11 1-137-102-11 1-108-686-11	FILM FILM MYLAR	0.0068MF 0.0068MF 0.022MF 0.022MF 0.0033MF	10% 10% 10% 10%	250V 250V 100V	C1443 C1444 C1445	1-137-098-11 1-124-910-11 1-102-824-00 1-102-824-00	FILM ELECT CERAMIC	0.1MF 47MF 470PF	10% 20% 5%	100V 50V 50V
C221 C222 C223	1-108-686-11 1-137-095-11 1-137-095-11		0.0033MF 0.056MF 0.056MF	10% 10% 10%	100V 100V 100V	C1501	1-124-927-11	ELECT	4.7MF	20%	50V 50V 50V
C224 C225	1-137-047-11	FILM	0.01MF 0.47MF 0.47MF	10% 5%	400V 50V 50V	C1503 C1504 C1505	1-124-903-11 1-108-680-11 1-124-910-11 1-137-094-11 1-108-686-11	MYLAR ELECT FILM	0.001MF 47MF 0.047MF	10% 20% 10%	100V 50V 100V
C226 C227 C228 C229	1-137-102-11 1-137-104-11 1-137-049-11	FILM FILM FILM	0.022MF 0.033MF 0.015MF	10% 10% 10%	250V 250V 400V		1-108-080-11 1-124-903-11 1-124-903-11 1-124-927-11 1-137-045-11			20% 20%	100V 50V 50V
C230 C231 C232 C233	1-124-902-00	FILM ELECT ELECT	0.015MF 0.47MF 10MF	10% 20% 20%	400V 50V 50V	C1511 C1512 C1513	1-124-927-11 1-137-045-11 1-163-105-00	ELECT FILM CERAMIC CHIP	4.7MF 0.0068MF 33PF	20% 10% 5%	50V 400V 50V
C233 C234 C235	1-163-005-11 1-163-005-11 1-163-005-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	470PF 470PF 470PF	20% 20% 10% 10% 10%	50V 50V 50V	C1514 C1515	1-137-102-11 1-102-117-00	FILM CERAMIC	0.022MF 820PF	10% 10%	250V 50V
C236 C237 C238	1-163-005-11 1-124-902-00 1-163-125-00	CERAMIC CHIP ELECT CERAMIC CHIP	0.47MF	10% 20% 5%	50V 50V 50V	CN1401	<00N	NECTOR>	מכ אום		
C239 C240	1-126-103-11 1-163-018-00	ELECT CERAMIC CHIP	470MF 0.0056MF	20% 10%	16V 50V	J1-41 J1-43 J1-44	*1-566-641-11 *1-564-524-11 *1-564-527-11	CONNECTOR, H PLUG, CONNECT PLUG, CONNECT	INGE (TAB) For 9P For 12P		
C241 C242 C243 C244 C245	1-163-018-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.022MF 0.022MF 0.022MF	10%	50V 50V 50V 50V 50V		*1-566-641-11 <dio< td=""><td>DE></td><td></td><td>18P</td><td></td></dio<>	DE>		18P	
C1401 C1402 C1403 C1404 C1405	1-124-907-11 1-126-103-11 1-163-003-11 1-137-098-11 1-163-029-11	ELECT ELECT CERAMIC CHIP FILM CERAMIC CHIP	470MF 330PF 0.1MF	20% 20% 10% 10%	50V 16V 50V 100V 50V	D201 D202 D205 D206 D1401	8-719-110-14 8-719-110-14 8-719-110-03 8-719-110-03 8-719-110-03	DIODE RD9.1ES	5-B3 5-B2 5-B2		
C1406 C1407 C1408 C1409 C1410	1-137-098-11 1-124-910-11 1-124-122-11 1-126-233-11 1-124-907-11	FILM ELECT ELECT ELECT ELECT ELECT	0.1MF 47MF 100MF 22MF 10MF	10% 20% 20% 20% 20% 20%	100V 50V 50V 50V 50V	D1403 D1404 D1405 D1406 D1407	8-719-110-03 8-719-110-03 8-719-110-03 8-719-110-03 8-719-921-77	DIODE RD7.5ES DIODE RD7.5ES DIODE RD7.5ES DIODE RD7.5ES DIODE MTZN-10	5-B2 5-B2 5-B2		
C1411 C1412 C1413 C1414 C1415	1-124-907-11 1-124-910-11 1-124-910-11 1-124-907-11 1-137-098-11	ELECT ELECT ELECT ELECT FILM	10MF 47MF 47MF 10MF 0.1MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 100V	D1408 D1409 D1410 D1415 D1418	8-719-110-14 8-719-110-14 8-719-110-14 8-719-110-03 8-719-110-03	DIODE RD9.1ES DIODE RD9.1ES DIODE RD9.1ES DIODE RD7.5ES DIODE RD7.5ES	S-B3 S-B3 S-B2		
C1416 C1417 C1418 C1419 C1425	1-137-098-11 1-124-120-11 1-163-003-11 1-163-003-11 1-124-902-00	FILM ELECT CERAMIC CHIP CERAMIC CHIP ELECT		10% 20% 10% 10% 20%	100V 16V 50V 50V 50V	D1419 D1420 D1421 D1422 D1423	8-719-110-03 8-719-110-03 8-719-110-03 8-719-110-03 8-719-110-03	DIODE RD7.5ES DIODE RD7.5ES DIODE RD7.5ES DIODE RD7.5ES DIODE RD7.5ES	5-B2 5-B2 5-B2		
C1426 C1427 C1428	1-124-902-00 1-163-029-11 1-163-029-11	ELECT CERAMIC CHIP CERAMIC CHIP	0.47MF 0.0047MF	20%	50V 50V 50V	D1424 D1425 D1426 D1501	8-719-110-03 8-719-110-03 8-719-110-03 8-719-300-33	DIODE RD7.5ES DIODE RD7.5ES DIODE RD7.5ES DIODE RU-3AM	5-B2		

REF.NO.	PART NO.					REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
D1503 D1504 D1505	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119					R233 R234 R235	1-216-057-00 1-216-057-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 2.2K 0	5% 5%	1/10W 1/10W 1/10W	
D1507 D1510	8-719-911-19 8-719-911-19	DIODE MTZJ-36 DIODE 1SS119 DIODE 1SS119	D				R233 R234 R235 R236 R240 R241 R242 R243	1-216-295-00 1-216-033-00 1-216-091-00 1-216-091-00 1-216-075-00	METAL GLAZE METAL GLAZE	0 220 56K 56K 12K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
I C201 I C1401 I C1402 I C1403	<1C> 8-759-013-17 8-752-053-17 2-8-759-946-32 3-759-140-53 8-759-942-16 <jac 1-561-534-41<="" td=""><td>IC TDA6200 IC CXA1114P IC TEA2014A IC UPD4053BC</td><td></td><td>,</td><td></td><td></td><td>R244 R245 R246 R247 R248</td><td>1-216-067-00 1-216-075-00 1-216-067-00 1-216-075-00 1-216-067-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>5.6K 12K 5.6K 12K 5.6K</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W 1/10W</td><td></td></jac>	IC TDA6200 IC CXA1114P IC TEA2014A IC UPD4053BC		,			R244 R245 R246 R247 R248	1-216-067-00 1-216-075-00 1-216-067-00 1-216-075-00 1-216-067-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	5.6K 12K 5.6K 12K 5.6K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
ĬĊ1501	ĺ 8-759-942-16 <jac< td=""><td>IC TEA2031A K></td><td></td><td></td><td></td><td></td><td>R249 R250 R1400 R1401 R1402</td><td>1-216-075-00 1-216-067-00 1-216-295-00 1-216-023-00 1-216-170-00</td><td>METAL GLAZE</td><td>12K 5.6K 0 82 68</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W 1/8W</td><td></td></jac<>	IC TEA2031A K>					R249 R250 R1400 R1401 R1402	1-216-075-00 1-216-067-00 1-216-295-00 1-216-023-00 1-216-170-00	METAL GLAZE	12K 5.6K 0 82 68	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/8W	
J1402 J1403	1-561-534-41 1-561-534-41 <tra< td=""><td>SOCKET 21P SOCKET 21P NSISTOR></td><td></td><td></td><td></td><td></td><td>R1403 R1404 R1405 R1407</td><td>1-216-089-00 1-216-178-00 1-249-434-11 1-216-113-00</td><td>METAL GLAZE METAL GLAZE CARBON METAL GLAZE</td><td>47K 150 27K 470K</td><td>5% 5% 5%</td><td>1/10W 1/8W 1/4W 1/10W</td><td></td></tra<>	SOCKET 21P SOCKET 21P NSISTOR>					R1403 R1404 R1405 R1407	1-216-089-00 1-216-178-00 1-249-434-11 1-216-113-00	METAL GLAZE METAL GLAZE CARBON METAL GLAZE	47K 150 27K 470K	5% 5% 5%	1/10W 1/8W 1/4W 1/10W	
Q201 Q202 Q1401 Q1402 Q1403	-216-085-00 1-216-081-00 1-216-081-00 1-216-081-00 1-216-087-00 1-216-087-00 1-216-087-00 1-216-087-00 1-216-087-00 1-216-087-00 1-216-081-00 1-216-081-00 1-216-081-00 1-216-081-00	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C1623- C1623- A1162- C1623-	L5L6 L5L6 G L5L6			R1408 R1409 R1410 R1411 R1412	1-216-089-00 1-216-041-00 1-216-089-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47K 470 47K 470	555 5555555	1/10W 1/10W 1/10W 1/10W 1/10W	
Q1404	8-729-216-22	TRANSISTOR 2S	A1162-	G			R1413	1-216-113-00	METAL GLAZE METAL GLAZE	470K 47K	5% 5%	1/10W 1/10W	
R201	<res< td=""><td>ISTOR> METAL GLAZE</td><td>18K</td><td>5%</td><td>1/10W</td><td></td><td>R1415 R1416 R1417 R1418</td><td>1-216-083-00 1-216-083-00 1-216-023-00 1-247-738-11</td><td>METAL GLAZE METAL GLAZE METAL GLAZE CARBON</td><td>27K 27K 82 82</td><td>5% 5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/2W F</td><td></td></res<>	ISTOR> METAL GLAZE	18K	5%	1/10W		R1415 R1416 R1417 R1418	1-216-083-00 1-216-083-00 1-216-023-00 1-247-738-11	METAL GLAZE METAL GLAZE METAL GLAZE CARBON	27K 27K 82 82	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/2W F	
R202 R203 R204 R205	1-216-206-00 1-216-075-00 1-216-085-00 1-216-085-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 12K 33K 33K	5% 5% 5%	1/8W 1/10W 1/10W 1/10W		R1419 R1420 R1421 R1422	1-216-295-00 1-216-295-00 1-216-295-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
R206 R207 R208 R209 R210	1-216-061-00 1-216-061-00 1-216-077-00 1-216-081-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.3K 3.3K 15K 22K 15K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1424 R1425 R1426	1-216-083-00 1-216-083-00 1-216-045-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	27K 27K 680 100	5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
R211 R212 R213	1-216-097-00 1-216-081-00 1-216-077-00 1-216-033-00 1-216-081-00	METAL GLAZE METAL GLAZE	100K 22K	5% 5%	1/10W 1/10W						-	1/10W 1/10W	
							R1430 R1431 R1432	1-216-113-00 1-216-170-00 1-216-041-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470K 68 470 470	5% 5% 5% 5%	1/10W 1/8W 1/10W 1/10W	
R216 R217 R218 R219 R220	1-216-081-00 1-216-077-00 1-216-033-00 1-216-073-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 15K 220 10K 2.2K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	٠	R1434 R1437 R1440	1-216-033-00 1-249-393-11 1-249-434-11 1-216-045-00	METAL GLAZE CARBON CARBON METAL GLAZE	220 10 27K 680	5% 5% 5% 5%	1/10W 1/4W F 1/4W 1/10W	
R221 R222 R223 R224 R225	1-216-041-00 1-216-041-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470 470 1 K 1 K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R1442 R1443 R1444	1-216-045-00 1-216-089-00 1-216-089-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	680 47K 47K 220		1/10W 1/10W 1/10W 1/10W	
	1-216-049-00 1-216-049-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 220		1/10W 1/10W 1/10W		R1446 R1447	1-216-095-00 1-216-033-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE	82K 220 220	5% 5% 5% 5%	1/10W 1/10W 1/10W	
R226 R227 R228 R229 R230	1-216-033-00 1-216-075-00 1-216-079-00	METAL GLAZE METAL GLAZE METAL GLAZE	220 12K 18K	5% 5% 5% 5%	1/10W 1/10W 1/10W		R1449 R1452	1-216-025-00 1-216-023-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 82 1 K 1 K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
R231 R232	1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE	10K 10K	5% 5%	1/10W 1/10W			1-216-180-00	METAL GLAZE	180	5%	1/8W	

REF.NO. PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
R1455 1-216-180-00 R1457 1-216-025-00 R1459 1-216-025-00 R1460 1-216-053-00 R1461 1-216-190-00	METAL GLAZE METAL GLAZE METAL GLAZE	180 100 100 1.5K 470	5% 5% 5% 5%	1/8W 1/10W 1/10W 1/10W 1/8W		 	*A-1654-005-A	IFG BOARD, C ************			
R1462 1-216-057-00 R1463 1-216-049-00 R1464 1-216-061-00 R1465 1-216-023-00 R1466 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 1K 3.3K 82		1/10W 1/10W 1/10W 1/10W 1/10W		C1 C2 C3 C4 C5	1-163-031-11 1-163-031-11 1-163-031-11 1-163-031-11 1-163-031-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.01MF 0.01MF 0.01MF		50V 50V 50V 50V 50V
R1467 1-216-025-00 R1468 1-216-025-00 R1469 1-216-025-00 R1470 1-216-025-00 R1471 1-216-023-00	METAL GLAZE METAL GLAZE METAL GLAZE	100 100	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C6 C7 C8 C9 C10	1-163-031-11 1-124-903-11 1-124-907-11 1-130-471-00 1-163-121-00	FIECT	1 MF	20% 20% 5% 5%	50 V 50 V 50 V 50 V 50 V
R1472 1-216-023-00 R1473 1-216-023-00 R1474 1-216-113-00 R1476 1-216-089-00 R1477 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE	82	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C11 C12 C13 C14 C15	1-163-119-00 1-136-298-00 1-124-477-11 1-124-477-11 1-124-477-11	FILM ELECT	0.0033MF	5% 2% 20% 20% 20%	50 V 100 V 16 V 16 V
R1478 1-216-113-00 R1480 1-216-190-00 R1482 1-216-178-00 R1483 1-216-178-00 R1484 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	470K 470 150 150 10K	5% 5% 5% 5%	1/10W 1/8W 1/8W 1/8W 1/10W		C16 C17 C18 C19 C20	1-124-477-11 1-124-907-11 1-137-047-11 1-137-047-11 1-126-233-11	ELECT FILM FILM ELECT	47MF 10MF 0.01MF 0.01MF 22MF	20% 20% 10% 10% 20%	16 V 50 V 40 O V 40 O V 50 V
R1485 1-216-073-00 R1486 1-216-073-00 R1487 1-216-065-00 R1488 1-216-065-00 R1489 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 4.7K 4.7K 4.7K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C21 C22 C23 C24 C25	1-126-233-11 1-137-098-11 1-137-031-11 1-124-034-51 1-137-102-11	ELECT FILM FILM ELECT FILM	22MF 0.1MF 0.22MF 33MF 0.022MF	20% 10% 10% 20% 10%	50 V 10 OV 10 OV 16 V 25 OV
R1501 1-216-081-00 R1502 1-216-083-00 R1503 1-216-113-00 R1504 1-216-085-00 R1505 1-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE	22K 27K 470K 33K 22K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		C29 C30		CERAMIC CHIP	4/22	10% 20% 5% 20% 20%	10 OV 50 V 50 V 50 V 50 V
R1506 1-216-113-00 R1509 1-216-105-00 R1510 1-216-067-00 R1511 1-216-049-00 R1512 1-216-073-00	METAL GLAZE METAL GLAZE	470K 220K 5.6K 1K 10K	5%	1/10W 1/10W 1/10W 1/10W 1/10W	, , , , , , , , , , , , , , , , , , ,	C31 C32 C33 C34 C35	1-137-047-11 1-130-479-00 1-163-081-00 1-137-031-11 1-124-907-11	CERAMIC CHIP FILM ELECT	0.22MF 0.22MF 10MF	10% 5% 10% 20%	40 OV 50 V 25 V 10 OV 50 V
R1513 1-216-091-00 R1514 1-216-049-00 R1515 1-216-117-00 R1516 1-216-079-00 R1517 1-216-033-00	METAL GLAZE	56K 1K 680K 18K 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	1	C36 C37	1-163-119-00 1-124-477-11 1-124-477-11 1-163-133-00	ELECT	47MF	5% 20% 20% 5%	50 V 16 V 16 V 50 V
R1519 1-216-101-00 R1520 1-216-113-00 R1521 1-216-214-00 R1556 1-216-067-00	METAL GLAZE METAL GLAZE	150K 470K 4.7K 5.6K	5% 5% 5%	1/10W 1/10W 1/8W 1/10W							
<variable resistor=""></variable>											
RV1501 1-238-023-11 RV1502 1-238-016-11 RV1503 1-238-017-11 RV1504 1-238-012-11 RV1505 1-238-023-11	RES, ADJ, CARI RES, ADJ, CARI RES, ADJ, CARI	BON 10K BON 22K BON 1K									
RV1506 1-238-017-11 RV1507 1-238-009-11 RV1508 1-238-016-11 RV1509 1-238-023-11	RES, ADJ, CARI RES, ADJ, CARI RES, ADJ, CARI	BON 220 BON 10K BON 4701									
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shading and mark Δ are critical for safety.
Replace only with part number specified.

REF.	NO. PART NO.	DESCRIPTION			İ	REMARK	REF.NO.	PART NO.	DESCRIPTION		REMARK	
							RV2	1-238-019-11	RES, ADJ, CAR	BON 47K		
	< []	LTER>					*****	*********	******	***********	*******	
CDA CDA	1-404-750-11	DISCRIMINATOR	DISCRIMINATOR, CERAMIC DISCRIMINATOR, CERAMIC				MISCELLANEOUS ************************************					
SFT SFT		FILTER, CERAN	FILTER, CERAMIC						COIL, DEMAGNETIZATION DEFLECTION YOKE (Y21PFA2)			
	<di< td=""><td>ODE></td><td></td><td></td><td></td><td></td><td>i</td><td>1-452-032-00 1-452-094-00</td><td>MAGNET, DISK; MAGNET, ROTAT</td><td></td></di<>	ODE>					i	1-452-032-00 1-452-094-00	MAGNET, DISK; MAGNET, ROTAT			
D3	8-719-400-18	DIODE MA152W	ζ					1-452-277-00	MAGNET, BMC SPEAKER (7.5X	13CM)		
	<10	>					1	. 1-590-501-11	CORD, POWER (WITH NOISE FILTER)		
I C 1 I C 2		IC TBA129					!		PICTURE TUBE	,		
103 104	8-759-030-48	IC TDA6600-2 IC TDA2595/V9	1				******		**************************************			
	. 0 137 313 40						1		*********			
* 5.0		NNECTOR>					1	PART NO.	DESCRIPTION		REMARK	
116	613 *1-565-488-11	CUNNECTUR, BL	JARD TO	BUARD	12P			4-200-870-11	MANUAL, INSTR	UCTION (GERMAN/ENGL	ISH/	
	<c01l></c01l>						*	4-200-923-01 4-200-924-01	FRENCH/DUTCH/ CUSHION (UPPE CUSHION (LOWE			
L1 L2	1-408-410-00 1-408-410-00	INDUCTOR	12UH 12UH				*	4-200-925-01	INDIVIDUAL CA	RTON		
L3 L4 L5	1-410-064-11 1-408-421-00	INDUCTOR	2.7M 100U	H			*	4-384-027-01	BAG, PROTECTI	ON		
UJ	L5 1-408-421-00 INDUCTOR 100UH							RE	MOTE COMMANDER			
		ANSISTOR>						1-465-796-11 4-031-670-01	CONTROL UNIT, COVER, POCKET	REMOTE (RM-816) (FOR RM-816)		
Q2 Q3 Q4	8-729-216-22	TRANSISTOR DT	A1162-	G		1			,	,		
ų4	8-729-901-00	TRANSISTOR DT	C1Z4EK									
		SISTOR>				1						
JR8 JR1	0 1-216-296-00	METAL GLAZE METAL GLAZE	0	5% 5%	1/8W 1/8W	1						
R1 R2 R3	1-216-043-00	METAL GLAZE METAL GLAZE METAL GLAZE	680 560 560	5% 5% 5% 5%	1/10W 1/10W 1/10W	1						
R5	1-216-045-00	METAL GLAZE	680		1/10W	3 3 9						
R6 R7	1-216-043-00 1-216-043-00	METAL GLAZE METAL GLAZE	560 560	5% 5% 5% 5%	1/10W 1/10W	1				·		
R9 R11	1-216-073-00 1-216-095-00	METAL GLAZE METAL GLAZE	10K 82K	5% 5%	1/10W 1/10W	1			·			
R12 R13	1-216-097-00 1-216-071-00	METAL GLAZE METAL GLAZE	100K 8.2K	5% 5%	1/10W 1/10W							
R15 R16	1-216-059-00 1-216-097-00	METAL GLAZE METAL GLAZE	2.7K 100K	5% 5% 5% 5%	1/10W 1/10W							
R17		METAL GLAZE METAL GLAZE	100K		1/10W							
R18 R19 R20	1-216-075-00	METAL GLAZE METAL GLAZE	3.9K 100K 12K	5%	1/10W 1/10W 1/10W							
R22 R24	1-216-099-00 1-216-089-00	METAL GLAZE METAL GLAZE	120K 47K	5% 5%	1/10W 1/10W							
R25	1-216-077-00	METAL GLAZE	15K	5%	1/10W							
	<vai< td=""><td>RIABLE RESISTOR</td><td>></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vai<>	RIABLE RESISTOR	>									
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1-238-016-11 RES, ADJ, CARBON 10K

RV1

Sony Corporation